



Charlie Crist  
Governor

Ana M. Viamonte Ros, M.D., M.P.H.  
State Surgeon General

**NOVEMBER 17, 2008**

**Electronic Correspondence**

Steven.Bouley@pwr.utc.com

**ISSUED TO (PERMITTEE):**

**United Technologies Corporation**

Pratt & Whitney

P.O. Box: 109600, MS 717-03

West Palm Beach, FL 33410

**Authorized Representative**

Mr. Steve Bouley, Pratt & Whitney, Rocket dyne

General Manager of Florida and Mississippi Operations

<b>ARMS No.</b>	0990021
<b>Air Permit No.</b>	0990021-012-AC
<b>Issued:</b>	<b>11/17/2008</b>
<b>Expires:</b>	<b>05/16/2009</b>

**LOCATED AT:**

**Project Name:** Modification of Permit No. 0990021-008-AC for GG4-9A test engines to reduce the number of allowable operating hours.

**Project Location:** SR 710, 17900 Beeline Highway, Jupiter, FL 33478

**UTM Coordinates:** Zone 17; 568.41 km E; 2975.84 km N; Latitude: 26° 54' 15" North / Longitude: 80° 18' 15" West

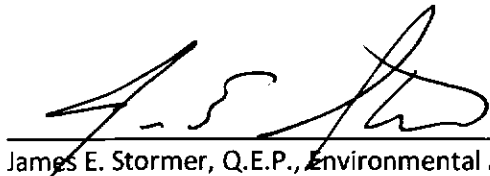
**STATEMENT OF BASIS:**

The Florida Department of Environmental Protection (DEP) has permitting jurisdiction for this project pursuant to Section 403.087 of the Florida Statutes (F.S.). However, in accordance with Section 403.182, F.S., the DEP recognizes the Palm Beach County Health Department (Health Department) as the approved local air pollution control program in Palm Beach County. As such, the DEP and the Health Department have entered into a Specific Operating Agreement that delegates the authority to issue or deny permits to the Health Department for this type of air pollution source located in Palm Beach County. Accordingly, the Health Department issues this permit under the provisions of Chapter 403, F.S. and Chapters 62-4, 62-210, and 62-212 of the Florida Administrative Code (F.A.C.). The permittee is authorized to perform the work for the proposed project in accordance with the conditions of this permit and as described in the application, approved drawings, plans, and other documents on file with the Health Department.

**ISSUED BY:**

*Executed in West Palm Beach, Florida*

PALM BEACH COUNTY HEALTH DEPARTMENT



James E. Stormer, Q.E.P., Environmental Administrator

Air Pollution Control Section

Division of Environmental Health and Engineering



Post Office Box 29 / 901 Evernia Street, West Palm Beach, FL 33402

Jean M. Malecki, M.D., MPH, FACPM, Director

[www.pbchd.com](http://www.pbchd.com)

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**SECTION I - SUMMARY INFORMATION**

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**PERMIT HISTORY**

November 10, 2008 Health Department received Proof of Publication of Public Notice  
October 28, 2008: Issued Draft Permit with Intent to Issue  
October 07, 2008: Health Department received an application for a construction permit modification

**PROJECT DESCRIPTION**

The facility is currently permitted as a major source under the Title V operating permit program (40 CFR Part 70 and Chapter 62-210.200, F.A.C.) with respect to the emissions of nitrogen oxides (NOx), carbon monoxide (CO), and hazardous air pollutants (HAPs). Based on the permit application, this facility **is** a major source of total hazardous air pollutants (HAPs) and individual hazardous air pollutant (HAP).

**REGULATORY CLASSIFICATION**

Title III: The facility is a major source of hazardous air pollutants (HAPs).  
Title IV: The facility will not operate units subject to the acid rain provisions of the Clean Air Act.  
Title V: The facility **is a** Title V major source of air pollution in accordance with Chapter 62-213, F.A.C.  
PSD: The facility **is an existing** PSD major facility in accordance with Rule 62-212.400, F.A.C.  
RACT: Some of the emission units at the facility are subject to the RACT Rules.  
NSPS: Some of the emission units at this facility are subject to the requirements of 40 CFR 60.  
NESHAP: The facility is subject to the requirements of 40 CFR 61, Subpart M, Asbestos.

**PERMIT CONTENT**

- Section I: Summary Information
- Section II: Facility-Wide Specific Conditions
- Section III: Emissions Unit Specific Conditions
- Section IV: Appendices
  - Appendix A: General Permit Conditions*
  - Appendix B: Abbreviations, Acronyms, Citations, and Identification Numbers (Version dated 02/05/97)*
  - Appendix C: Summary of Testing Requirements*

**SUMMARY OF EMISSION UNIT AND MODIFICATION**

On January 30, 2006, the applicant submitted an application for an air construction permit to relocate two existing GG4-9A JP8 fired gas turbines from the Pratt & Whitney facilities in Hartford, Connecticut to their facility in Palm Beach County. The units are located adjacent to test stands A-8 and A-9 which are part of the eight sea level test stands used in the development testing of commercial and military jet engines. A portion of the military engine testing requires inlet conditioning to simulate low altitude and high speed operation. The gas turbines would provide a pressurized airflow. The two gas turbines will be utilized to drive two large air compressors and would operate at a steady state temperature and pressure point throughout a given inlet condition. Airflow and temperature to the engines would be delivered to the test engines through ductwork and controlled downstream of the compressor through a series of control valves. Although the turbines are rated at 19.5 MW each, the permittee has requested to voluntarily restrict the operating load to 12.3 MW each.

The Health Department issued the permit no. 0990021-008-AC on May 01, 2006 for the two GG4-9A test engines. The permit was subsequently extended till January 31, 2009. Permit restricted the hours of operation of each turbine to 398 hrs/yr (or 796 hrs/yr total combined hours) in order to avoid triggering a major modification under Rule 62-212.400, F.A.C.

Pratt & Whitney proposes to modify the permit conditions for GG4-9A test engines, located at test stands A-8 and A-9. The current permit 0990021-008-AC restricts the operating hours of these engines to 398 hours per year per each turbine. Based on the results of the emission test conducted on July 31, 2008, the permittee proposes to restrict the yearly operating hours of each engine to 375 hours.

The project-wide NOx and CO potential emissions are estimated to be 36.7 and 42.5 tons per year respectively. The proposed project remains as a minor modification under PSD regulations since the project's maximum increase in

**SECTION I - SUMMARY INFORMATION**

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criteria pollutant emissions for CO and NOx will remain below 100 and 40 tons per year, which are the PSD significant emission rates.

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**SECTION II. FACILITY-WIDE SPECIFIC CONDITIONS**

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**EMISSION UNIT ID No. AND BRIEF DESCRIPTION**

EMISSIONS UNIT No.	EMISSIONS UNIT DESCRIPTION
079	Two GG4-9A JP-8 –Fired Combustion Turbines

**1.0 ADMINISTRATIVE REQUIREMENTS**

- 1.1 Regulating Agencies: All applications, reports, tests, and notifications shall be submitted to the Air Pollution Control Section of the Palm Beach County Health Department (Health Department) at P.O. Box 29 (901 Evernia Street), West Palm Beach, Florida, 33402-0029, and telephone number (561) 355-3136. In addition, *copies* shall be submitted to the Air Program, Southeast District Office, Florida Department of Environmental Protection (DEP) at 400 North Congress Avenue, Suite 200, West Palm Beach, Florida, 33401. **[Specific Operating Agreement]**
- 1.2 General Conditions: The permittee shall be aware of, and operate under, the attached General Conditions listed in *Appendix A* of this permit. General Conditions are binding and enforceable pursuant to Chapter 403 of the Florida Statutes. **[Rule 62-4.160, F.A.C.]**
- 1.3 Citation Format: *Appendix B* of this permit provides the format for citing applicable regulations.
- 1.4 Application for Operation Permit: The permittee shall apply for a revision to the Title V Operating Permit within ninety (90) days of completion of the initial compliance test of the combustion turbine but no later than sixty (60) days prior to expiration of this permit. **[Rules 62-4.090 and 62-210.900, F.A.C.]**
- 1.5 Permit Expiration: The permittee must maintain a valid (not expired) air construction permit during the entire application process for an operation permit. This construction permit may be extended at the written request of the permittee prior to its expiration. **[Rule 62-4.080(3), F.A.C.]**
- 1.6 Applicable Regulations: This facility is subject to the following regulations: Florida Administrative Code Chapters 62-4, 62-204, 62-210, 62-212, 62-296, and 62-297. Issuance of this permit does not relieve the facility owner or operator from compliance with any applicable federal, state, or local permitting requirements or regulations. **[Rule 62-210.300, F.A.C. and the SOA]**
- 1.7 Source Obligation:
- (a) Authorization to construct shall expire if construction is not commenced within 18 months after receipt of the permit, if construction is discontinued for a period of 18 months or more, or if construction is not completed within a reasonable time. This provision does not apply to the time period between the construction of the approved phases of a phased construction project except that each phase must commence construction within 18 months of the commencement date established by the PBCHD in the permit.
  - (b) At such time that a particular source or modification becomes a major stationary source or major modification (as these terms were defined at the time the source obtained the enforceable limitation) solely by virtue of a relaxation in any enforceable limitation which was established after August 7, 1980, on the capacity of the source or modification otherwise to emit a pollutant, such as a restriction on hours of operation, then the requirements of Rules 62-212.400(4) through (12), F.A.C., shall apply to the source or modification as though construction had not yet commenced on the source or modification.

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

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**SECTION II. FACILITY-WIDE SPECIFIC CONDITIONS**

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**2.0 EMISSION LIMITING STANDARDS**

2.1 General Particulate Emission Limiting Standards: General Visible Emissions Standard. Except for emissions units that are subject to a particulate matter or opacity limit set forth or established by rule and reflected by conditions in this permit, the permittee shall not:

- (1) Cause, let, permit, suffer or allow to be discharged into the atmosphere the emissions of air pollutants from any activity, the density of which is equal to or greater than that designated as No. 1 on the Ringelmann Chart (20 percent opacity). **[Rule 62-296.320(4)(b)1., F.A.C.]**
- (2) If the presence of uncombined water is the only reason for failure to meet the visible emissions standards given in Rule 62-296.320(4)1, F.A.C., such failure shall not be a violation of the rule. **[Rule 62-296.320(4)(b)3, F.A.C.]**
- (3) All visible emissions test performed pursuant to the requirements of Rule 62-296.320(b)(4)1, F.A.C. shall use EPA Reference Method 9, and shall meet all applicable requirements of Chapter 62-297, F.A.C. **[Rule 62-296.320(4)(b)1, F.A.C.]**

2.2 Notifications and Reports: The permittee shall submit all compliance-related notifications and reports required by this permit to the Palm Beach County Health Department and the Florida Department of Environmental Protection's (FDEP) Southeast District Office at:

**Palm Beach County Health Department**

Air Pollution Control Section  
Post Office Box 29  
West Palm Beach, Florida 33402-0029  
Telephone: (561) 355-3136  
Fax: (561) 804-9405

**Florida Department of Environmental Protection (FDEP)**

Southeast District Office - Air Program  
400 North Congress Avenue, Suite 200,  
West Palm Beach, Florida, 33401.  
Telephone: (561) 681-6600

2.3 Objectionable Odors: Objectionable Odor Prohibited: The permittee shall not cause, suffer, allow, or permit the discharge of air pollutants, which cause or contribute to an objectionable odor. **[Rule 62-296.320(2), F.A.C.]**

*Note: An objectionable odor is defined as any odor present in the outdoor atmosphere which by itself or in combination with other odors, is or may be harmful or injurious to human health or welfare, which unreasonably interferes with the comfortable use and enjoyment of life or property, or which creates a nuisance. **[Rule 62-210.200, F.A.C.]***

2.4 Unconfined Particulate Emission Limiting Standards: Unconfined Emissions of Particulate Matter: The permittee shall not cause, let, permit, suffer or allow the emissions of unconfined particulate matter from any activity, including vehicular movement; transportation of materials; construction, alteration, demolition or wrecking; or industrially related activities such as loading, unloading, storing or handling; without taking reasonable precautions to prevent such emissions. Reasonable precautions shall include the following:

- (1) Use of hoods, fans, filters, and similar equipment to contain, capture and/or vent particulate matter.

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**SECTION II. FACILITY-WIDE SPECIFIC CONDITIONS**

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- (2) Confining abrasives or dust from sand blasting, sanding, and/or grinding to the facility property line where possible. **[Rule 62-296.320(4)(c), F.A.C.]**

**3.0 PERFORMANCE STANDARDS**

- 3.1 Circumvention: The permittee shall not circumvent air pollution control equipment/methods or allow the emission of air pollutants without the equipment/methods operating properly. **[Rule 62-210.650, F.A.C.]**
- 3.2 Excess Emissions Requirements:
- (a) Excess emissions which are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure which may reasonably be prevented are prohibited. **[Rule 62-210.700(4), F.A.C.]**
  - (b) In case of excess emissions, the permittee shall notify the Air Pollution Control Section of the Palm Beach County Health Department within one working day of: the nature, extent, and duration of the excess emissions; the cause of the problem; and the corrective actions being taken to prevent recurrence. **[Rule 62-210.700(6), F.A.C.]**
  - (c) Considering operational variations in types of industrial equipment operations affected by this rule, the Department may adjust the maximum and minimum factors to provide reasonable and practical regulatory controls consistent with the public interest. **[Rule 62-210.700(5), F.A.C.]**

**4.0 COMPLIANCE MONITORING REQUIREMENTS**

- 4.1 Duration: Unless otherwise specified in this permit, all records and reports required by this permit shall be kept for at least 5 years from the date the information was recorded. **[Rule 62-4.160(14)(b), F.A.C.]**
- 4.2 Test Procedures: All test methods and procedures shall be performed in accordance with the applicable requirements of Chapter 62-297, F.A.C. **[Rule 62-297.100, F.A.C.]**
- 4.3 Operational Rate During Testing: Unless otherwise stated in the applicable emission limiting standard for a rule, testing of emissions shall be conducted with the emissions unit operating at permitted capacity. Permitted capacity is defined as 90 to 100 percent of the maximum operation rate allowed by the permit. If it is impracticable to test at permitted capacity, an emissions unit may be tested at less than the minimum permitted capacity; in this case, subsequent emissions unit operation is limited to 110 percent of the test load until a new test is conducted. Once the unit is so limited, operation at higher capacities 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. **[Rule 62-297.310(2), F.A.C.]**
- 4.4 Test Notification: At least 15 days prior to the date on which each formal compliance test is to begin, the permittee shall notify the Health Department in writing of: the test date; the expected test time; the location of the test; the facility contact person responsible for coordinating the test; and the person or company conducting test. The 15 day notification requirement may be waived at the discretion of the Health Department. Likewise, if circumstances prevent testing during the 60-day test window specified for the emissions unit, the owner or operator may request an alternate test date before the expiration of this window. **[Rule 62-297.310(7)(a)9., F.A.C.]**
- 4.5 Special Compliance Tests: When the Health Department, after investigation, has good reason (such as complaints, increased visible emissions or questionable maintenance of control equipment) to believe that any applicable emission standard contained in a DEP rule or permit is being violated, it shall require the owner or operator of the emissions unit to conduct compliance tests which identify the nature and quantity of pollutant emissions from the emissions unit and to provide a report on the results of said tests to the Health Department. **[Rule 62-297.310(7)(b), F.A.C.]**

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**SECTION II. FACILITY-WIDE SPECIFIC CONDITIONS**

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**5.0 REPORTS REQUIRED**

5.1 Annual Operations Report: Before April 1st of each year, the permittee shall submit an Annual Operations Report (AOR) [DEP Form No. 62-210.900(5)] to the Palm Beach County Health Department which summarizes operations for the previous calendar year. However, the annual operating report for year 2008 shall be submitted by May 1, 2009. **[Rule 62-4.030 and 62-210.370(3), F.A.C.]**

5.2 Noncompliance Report: If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:

- (a) A description of and cause of noncompliance; and
- (b) The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Palm Beach County Health Department for penalties or for revocation of this permit. If an exceedance of a permit limit occurs, the permittee shall submit a written summary report of the incident to the Palm Beach County Health Department as specified in Facility-Wide Specific Condition 3.2 and Emission Unit Specific Condition 4.2. **[Rules 62-4.030, 62-4.130, 62-4.160, and 62-210.700(6), F.A.C.]**

5.3 Emission Compliance Test Reports: For each required emissions compliance test, a report indicating the results of the test shall be filed with the Health Department as soon as practical, but no later than 45 days after the last sampling run is completed. The report shall provide sufficient detail on the tested emissions unit and the procedures used to allow the Health Department to determine if the test was properly conducted and if the test results were properly computed. Additional report information may be specified for a given group of emissions units in this permit. **[Rule 62-297.310(8), F.A.C.]**

**SECTION III. EMISSIONS UNIT SPECIFIC CONDITIONS**

This portion of the permit addresses the following group of emissions units:

EU ID No.	EMISSIONS UNIT DESCRIPTION
079	<p>Two GG4-9A JP-8 –Fired Combustion Turbines</p> <p>These units are rated at 19.5 MW, the maximum operating load will be limited to 12.3 MW as requested by applicant. The maximum heat input has been estimated to be about 232.1 MMBTU/hr. The maximum hourly consumption of fuel is estimated to be 29 gallons per minute per engine.</p>

*{Permitting Note: Pratt & Whitney proposes to modify the permit conditions for GG4-9A test engines-- located at test stands A-8 and A-9. The current permit 0990021-008-AC restricts the operating hours of these engines to 398 hours per year per each unit. Based on the results of the emission test conducted on July 31, 2008, the permittee proposes to restrict the yearly operating hours of each engine to 375 hours.}*

*The project-wide NOx and CO potential emissions are estimated to be 36.7 and 42.5 tons per year respectively. The proposed project remains as a minor modification under PSD regulations since the project's maximum increase in criteria pollutant emissions for CO and NOx will remain below 100 and 40 tons per year, which are the PSD significant emission rates.}*

**1.0 OPERATING RESTRICTIONS**

1.1 Permitted Capacity: The permittee shall not allow, cause, suffer or permit the operation of the combustion turbines in excess of the following capacities without prior authorization from the Permitting Authority:

- The maximum operating load for each of the combustion turbines is 12.3 MW. The turbines are allowed to burn only JP-8 fuel.

**[Air permit No: 0990021-008-AC]**

1.2 Individual Hours of Operation: The permittee shall not operate any one gas turbine for more than 375 hours per consecutive 12 months, rolling total. This permit must be modified prior to operation beyond this limit. Engines operating more than 400 hours per year shall be tested for nitrogen oxide emissions. **[Rules 62-296.570(4)(a)3, F.A.C. and Applicant Request]**

*{Permitting Note: The restriction on operating hours of each turbine limits the potential emissions of NOx and CO to 36.7 and 42.5 tons per year respectively}*

1.3 Combined Hours of Operation: The combined hours of operation of both gas turbines shall not exceed 750 hours per consecutive 12 months, rolling total. **[Rules 62-4.070 and 62-4.160(2), F.A.C and Requested by Applicant.]**

**2.0 EMISSION LIMITING AND PERFORMANCE STANDARDS**

2.1 RACT Standards for Nitrogen Oxides (NOx): Emissions of NOx from each gas turbine shall not exceed 0.90 lb/MMBtu while firing JP-8 fuel oil. As the turbines are substantially similar, compliance with this limit could be demonstrated by a stack test on one representative turbine unit within a facility. **[Rule 62-296.570(4)(b)5, F.A.C.]**

**3.0 COMPLIANCE ASSURANCE MONITORING**

3.1 Emissions Inventory: The permittee shall maintain a current emissions inventory for each combustion turbine. As a minimum, the emissions inventory shall be reviewed and revised monthly, as needed. The emissions inventory shall include the following information:

- (a) Combustion Turbine No.



**SECTION III. EMISSIONS UNIT SPECIFIC CONDITIONS**

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- (b) The hourly average operating load (psia),
- (c) The hourly average heat input rate (mmbtu/hr)
- (d) Monthly Hours of Operation.
- (e) Monthly Fuel consumption [Gallons of JP-8]
- (f) Monthly Heat Input [Million BTU/Month]
- (g) Average Operating Load [MW] as determined by parametric monitoring (i.e. fuel consumption, assumed efficiency, rpm, etc.) based on a 30-day average.
- (h) Emissions data for NO<sub>x</sub> and CO based on load, water to fuel ratio (if applicable), ambient temperature, ambient pressure, and relative humidity. **[Rule 62-4.070(3), F.A.C.]**

3.2 Compliance with RACT Standards: Rule 62-296.570(4)(b)5, F.A.C. establishes a NO<sub>x</sub> emission limiting standard for gas turbines firing fuel oil of 0.90 lb/MMBTU. For units that do not use continuous emission monitors (CEMs), compliance with this emission limit shall be demonstrated through annual stack testing. Rule 62-296.570(4)(a)3, F.A.C. exempts oil-fired units from annual testing requirements if they operate on oil for less than 400 hours per year.

The permittee proposed to limit the hours of operation of each individual turbine to 375 hours per federal fiscal year (October 1- September 30), thus avoiding the need to conduct compliance stack testing on an annual basis. If the rolling 12-month hours of operations exceed 375 hours, the permittee shall notify the Palm Beach County Health Department within 48 hours of the exceedance and conduct a compliance stack for NO<sub>x</sub> within 30 days of exceeding the 400-hour/yr. **[Rule 62-296.570(4)(a)3, F.A.C., Requested by Applicant.]**

3.3 The permittee shall monitor hourly average operating load (psia) and hourly heat input rate (mmbtu/hr). The emission factors developed, during the stack test conducted on July 31, 2008, at each operating load (psia) shall be used in estimating the monthly NO<sub>x</sub> and CO emissions. The monthly emissions estimates are used in calculating the 12-month rolling emissions of NO<sub>x</sub> and CO. The yearly estimates of NO<sub>x</sub> and CO shall be below the PSD significant emission rates as specified in Chapter 62-212, F.A.C. **[Rules 62-4.070 and 62-4.160(2), F.A.C.]**

3.4 Special Compliance Tests: When the Health Department, after investigation, has good reason (such as complaints, increased visible emissions or questionable maintenance of control equipment) to believe that any applicable emission standard contained in a DEP rule or permit is being violated, it shall require the owner or operator of the emissions unit to conduct compliance tests which identify the nature and quantity of pollutant emissions from the emissions unit and to provide a report on the results of said tests to the Health Department. **[Rule 62-297.310(7)(b), F.A.C.]**

#### **4.0 REPORTING AND RECORDKEEPING REQUIREMENTS**

4.1 Monthly Emission Records: The permittee shall maintain monthly emission records as described in Specific Condition 3.1 of this permit, on or before the 15<sup>th</sup> of each month, to summarize site-wide emissions of NO<sub>x</sub> and CO for the previous 12 months. These records shall include, as a minimum, the monthly emissions and the rolling 12-month total emissions for NO<sub>x</sub> and CO. These records shall be kept on site for a period of no less than five years and be made available to PBCHD representatives upon request. **[Rule 62-297.310(7) (b), F.A.C.]**

4.2 Excess Emissions Reporting: If excess emissions occur, the permittee shall notify the Palm Beach County Health Department (PBCHD) within one (1) working day of the discovery of the excess emission occurrence. The notification shall include the following information: the nature, extent, and duration of the excess emissions; the cause of the excess emissions; and the actions taken to correct the problem. Within five (5) days following the initial

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**SECTION III. EMISSIONS UNIT SPECIFIC CONDITIONS**

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notification, the owner or operator shall submit a report summarizing the incident to the PBCHD. The incident summary shall include all the information required in the initial notification plus any additional information regarding further actions taken to prevent future excess emissions from occurring. Neither of these notification requirements shall release the permittee from any liability for failure to comply with FDEP rules. **[Rules 62-4.130, and 62-210.700(6), F.A.C.]**

LIST OF APPENDICES

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APPENDIX	DESCRIPTION
A	General Permit Conditions.
B	Citation Format.

- G.1 The terms, conditions, requirements, limitations, and restrictions set forth in this permit are "Permit Conditions" and are binding and enforceable pursuant to Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
- G.2 This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings or exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
- G.3 As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey and vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit is not a waiver or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in the permit.
- G.4 This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
- G.5 This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
- G.6 The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.
- G.7 The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at a reasonable time, access to the premises, where the permitted activity is located or conducted to:
- (a) Have access to and copy and records that must be kept under the conditions of the permit;
  - (b) Inspect the facility, equipment, practices, or operations regulated or required under this permit, and,
  - (c) Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

- G.8 If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:
- (a) A description of and cause of non-compliance; and
  - (b) The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance.

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

- G.9 In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted

to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.73 and 403.111, Florida Statutes. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

G.10 The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance, provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

G.11 This permit is transferable only upon Department approval in accordance with Florida Administrative Code Rules 62-4.120 and 62-730.300, F.A.C., as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.

G.12 This permit or a copy thereof shall be kept at the work site of the permitted activity.

G.13 This permit also constitutes:

- (a) Determination of Best Available Control Technology, (BACT does not apply)
- (b) Determination of Prevention of Significant Deterioration; (PSD does not apply) and
- (c) Compliance with New Source Performance Standards (NSPS does not apply).

G.14 The permittee shall comply with the following:

- (a) Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
- (b) The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application or this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
- (c) Records of monitoring information shall include:
  - 1. The date, exact place, and time of sampling or measurements;
  - 2. The person responsible for performing the sampling or measurements;
  - 3. The dates analyses were performed;
  - 4. The person responsible for performing the analyses;
  - 5. The analytical techniques or methods used; and
  - 6. The results of such analyses.

G.15 When requested by the Department, the permittee shall within a reasonable time furnish any information required by law, which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

**APPENDIX B. CITATION FORMAT**

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*The following examples illustrate the methods used in this permit to abbreviate and cite the references of rules, regulations, guidance memorandums, ID numbers, and permit numbers.*

Guidance Memorandums from the Bureau of Air Regulation, Florida Department of Environmental Protection:

*Example:*     **[DARM-PER/GEN-12]**   *(Refers to a specific, numbered guidance memorandum.)*

Florida Administrative Code (F.A.C.) Regulations:

*Example:*     **[F.A.C. 62-4.070]**

*Where:*       62           - Title 62  
              62-4          - Chapter 62-4  
              62-4.070     - Rule 62-4.070

Code of Federal Regulations:

*Example:*     **[40 CFR 60.334]**

*Where:*       40           - Title 40  
              CFR          - Code of Federal Regulations  
              60           - Part 60  
              60.334     - Rule 60.334

New Permit Numbers:

*Example:*   099-0333-002-AC, or  
              099-0333-001-AO

*Where:*       AC           - Air Construction Permit  
              AO           - Air Operation Permit  
              099          - Number code identifying the facility is located in Palm Beach County  
              0333        - 4-digit facility identification number assigned by permit tracking database  
              001 or 002 - 3-digit sequential file number assigned by permit tracking database

Old Air Permit Numbers:

*Example:*     AC50-123456

*Where:* AC           - Air Construction Permit  
          AO           - Air Operation Permit  
          123456     - 6-digit sequential file number assigned by permit tracking database.

