

Florida Gas Transmission Company, LLC

Compressor Station No. 19

Facility ID No. 0090106
Brevard County

Title V Air Operation Permit Renewal

Permit No. 0090106-009-AV

(Renewal of Title V Air Operation Permit No. 0090106-007-AV)



Permitting Authority:

State of Florida
Department of Environmental Protection
Division of Air Resource Management
Permit Review Section
2600 Blair Stone Road
Mail Station #5505
Tallahassee, Florida 32399-2400

Telephone: (850) 717-9000

Email: DARM_Permitting@dep.state.fl.us

Compliance Authority:

State of Florida
Department of Environmental Protection
Compliance Assurance Program, Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767

Telephone: (407)897-4100

E-mail: **DEP_CD@dep.state.fl.us**

Title V Air Operation Permit Renewal

Permit No. 0090106-009-AV

Table of Contents

<u>Section</u>	<u>Page Number</u>
Placard Page	<u>1</u>
I. Facility Information.	
A. Facility Description.	<u>2</u>
B. Summary of Emissions Units.	<u>2</u>
C. Applicable Regulations.	<u>2</u>
II. Facility-wide Conditions.	<u>3</u>
III. Emissions Units and Conditions.	
A. Emissions Units 001 - 003, Non-Emergency Natural Gas Engine Nos. 1901 – 1903.	<u>6</u>
B. Emissions Unit 004, Emergency Natural Gas Engine (385 bhp).	<u>9</u>
IV. Appendices.	See Appendices Document.
Appendix A, Glossary.	
Appendix I, List of Insignificant Emissions Units and/or Activities.	
Appendix NESHAP, Subpart A – General Provisions.	
Appendix NESHAP, Subpart ZZZZ – Stationary Reciprocating Internal Combustion Engines (RICE).	
Appendix RR, Facility-Wide Reporting Requirements.	
Appendix TR, Facility-Wide Testing Requirements.	
Appendix TV, Title V General Conditions.	
Referenced Attachments.	At End of Appendices Document.
Table H, Permit History.	



FLORIDA DEPARTMENT OF Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Ron DeSantis
Governor

Joanette Nuñez
Lt. Governor

Alexis A. Lambert
Secretary

PERMITTEE:

Florida Gas Transmission Company, LLC
2301 Lucien Way, Suite 200
Maitland, Florida 32751

Permit No. 0090106-009-AV
Compressor Station No. 19
Facility ID No. 0090106
Title V Air Operation Permit Renewal

The purpose of this permit is to renew the Title V air operation permit for the above referenced facility. The existing Compressor Station No. 19 is located in Brevard County at 3400 Ranch Road, West Melbourne, Florida. UTM Coordinates are: Zone 17, 528.94 km East and 3102.87 km North. Latitude is: 28° 03' 03" North; and, Longitude is: 80° 42' 20" West.

The Title V air operation permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210, and 62-213. The above named permittee is hereby authorized to operate the facility in accordance with the terms and conditions of this permit.

Executed in Tallahassee, Florida.

0090106-009-AV Effective Date: DATE, 20xx
Renewal Application Due Date: Exp. DATE -225, 20zz
Expiration Date: Eff. DATE + 5 years, 20zz

(Proposed)

David Lyle Read, P.E., Environmental Administrator
Permit Review Section
Division of Air Resource Management

DLR/jw

SECTION I. FACILITY INFORMATION.

Subsection A. Facility Description.

The Florida Gas Transmission Company, LLC (FGT), Compressor Station No. 19, is part of a natural gas pipeline system operated by FGT that includes gathering systems in Texas and Louisiana, transmission and delivery throughout Florida. The existing compressor station that is located along the pipeline is used for maintaining line pressure to ensure natural gas continues to move at sufficient volumes for reliable service at delivery points. Compressor Station No. 19 is one of the compressor stations located on the FGT pipeline. The facility consists of two 2,600 and one 5,000 brake horsepower (bhp) non-emergency natural gas fired spark ignition (SI) reciprocating internal combustion engines (RICE) driving reciprocating compressors and one 385 bhp natural gas fired emergency generator driven by a SI RICE.

Subsection B. Summary of Emissions Units (EU).

EU No.	Brief Description
<i>Regulated EU</i>	
001	Non-Emergency Natural Gas Engine No. 1901 (2,600 bhp)
002	Non-Emergency Natural Gas Engine No. 1902 (2,600 bhp)
003	Non-Emergency Natural Gas Engine No. 1903 (5,000 bhp)
004	Emergency Natural Gas Engine (385 bhp)

Also included in this permit are miscellaneous insignificant EU and/or activities (see Appendix I, List of Insignificant Emissions Units and/or Activities).

Subsection C. Applicable Regulations.

Based on the Title V air operation permit renewal application received September 13, 2024, this facility is a major source of hazardous air pollutants (HAP). The existing facility is a prevention of significant deterioration (PSD) major source of air pollutants in accordance with Rule 62-212.400, F.A.C. A summary of applicable regulations is shown in the following table.

Regulation	EU Nos.
<i>Federal Rule Citations</i>	
40 CFR 63, Subpart A, NESHAP General Provisions	001, 002, 003, 004
40 CFR 63, Subpart ZZZZ, Stationary RICE	001, 002, 003, 004
<i>State Rule Citations</i>	
Chapter 62-213, F.A.C., Operation Permits for Major Source of Air Pollution	001, 002, 003, 004
Rule 62-204.800, F.A.C., Federal Regulations Adopted by Reference	001, 002, 003, 004

SECTION II. FACILITY-WIDE CONDITIONS.

The following conditions apply facility-wide to all emission units and activities:

FW1. Appendices. The permittee shall comply with all documents identified in Section IV, Appendices, listed in the Table of Contents. Each document is an enforceable part of this permit unless otherwise indicated. [Rule 62-213.440, F.A.C.]

Emissions and Controls

FW2. Not federally Enforceable. Objectionable Odor Prohibited. No person shall cause, suffer, allow or permit the discharge of air pollutants, which cause or contribute to an objectionable odor. An “objectionable odor” means 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 62-296.320(2) and 62-210.200(Definitions), F.A.C.]

FW3. General Volatile Organic Compounds (VOC) Emissions or Organic Solvents (OS) Emissions. The permittee shall allow no person to store, pump, handle, process, load, unload or use in any process or installation, VOC or OS without applying known and existing vapor emission control devices or systems deemed-necessary and ordered by the Department. [Rule 62-296.320(1), F.A.C.]

{Permitting Note: Nothing is deemed necessary and ordered at this time.}

FW4. General Visible Emissions. No person shall cause, let, permit, suffer or allow to be discharged into the atmosphere the emissions of air pollutants from any activity equal to or greater than 20% opacity. This regulation does not impose a specific testing requirement. [Rule 62-296.320(4)(b), F.A.C.]

FW5. Unconfined Particulate Matter (PM). No person shall cause, let, permit, suffer or allow the emissions of unconfined PM 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 to prevent emissions of unconfined PM at this facility include:

- a. Chemical or water application to unpaved roads and unpaved yard areas;
- b. Sweeping or flushing paved roads and parking areas;
- c. Landscaping or planting of vegetation; and
- d. Removal of PM from roads and other paved roads to prevent re-entrainment and from buildings or work areas to prevent particulates from becoming airborne.

[Rule 62-296.320(4)(c), F.A.C.; and, proposed by applicant in Title V air operation permit renewal application received September 13, 2024.]

Reports and Fees

See Appendix RR, Facility-wide Reporting Requirements, for additional details and requirements.

FW6. Electronic Annual Operating Report and Title V Annual Emissions Fees. The information required by the Annual Operating Report for Air Pollutant Emitting Facility [Including Title V Source Emissions Fee Calculation] (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 Division of Air Resource Management. Each Title V source shall submit the annual operating report using the DEP’s Electronic Annual Operating Report (EAOR) software, unless the Title V source claims a technical or financial hardship by submitting DEP Form No. 62-210.900(5) to the DEP Division of Air Resource Management instead of using the reporting software. Emissions shall be computed in accordance with the provisions of subsection 62-210.370(2), F.A.C. Each Title V source must pay between January 15 and April 1 of each year an annual emissions fee in an amount determined as set forth in subsection 62-213.205(1), F.A.C. The annual fee shall only apply to those regulated pollutants, except carbon monoxide and greenhouse gases, for which an allowable numeric emission-limiting standard is specified in the source’s most recent construction permit or operation permit. Upon completing the required EAOR entries, the EAOR Title V Fee Invoice can be printed by the source

SECTION II. FACILITY-WIDE CONDITIONS.

showing which of the reported emissions are subject to the fee and the total Title V Annual Emissions Fee that is due. The submission of the annual Title V emissions fee payment is also due (postmarked) by April 1st of each year. A copy of the system-generated EAOR Title V Annual Emissions Fee Invoice and the indicated total fee shall be submitted to: **Major Air Pollution Source Annual Emissions Fee, Post Office Box 3070, Tallahassee, Florida 32315-3070**. Additional information is available by accessing the Title V Annual Emissions Fee On-line Information Center at the following Internet web site:

<https://floridadep.gov/air/permitting-compliance/content/title-v-fees>. [Rules 62-210.370(3), 62-210.900 & 62-213.205, F.A.C.; and, §403.0872(11), Florida Statutes (2013)]

{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.}

{Permitting Note: The Title V Annual Emissions Fee form (DEP Form No. 62-213.900(1)) has been repealed. A separate Annual Emissions Fee form is no longer required to be submitted by March 1st each year.}

FW7. Annual Statement of Compliance. The permittee shall submit an annual statement of compliance to the compliance authority at the address shown on the cover of this permit and to the U.S. EPA at the address shown below within 60 days after the end of each calendar year during which the Title V air operation permit was effective (See also Appendix RR, Conditions RR1 and RR7). The annual statement of compliance can be submitted to the U.S. EPA via the Compliance and Emissions Data Reporting Interface (CEDRI) on EPA's Central Data Exchange (CDX) at <https://cdx.epa.gov/>. [Rules 62-213.440(3)(a)2. & 3. and (b), F.A.C.]

U.S. Environmental Protection Agency, Region 4
Atlanta Federal Center
61 Forsyth Street, SW
Atlanta, Georgia 30303
Attn: Air Enforcement Branch

FW8. Prevention of Accidental Releases (Section 112(r) of CAA). If, and when, the facility becomes subject to 112(r), the permittee shall:

- a. Submit its Risk Management Plan (RMP) to the Chemical Emergency Preparedness and Prevention Office (CEPPO) RMP Reporting Center. Any Risk Management Plans, original submittals, revisions or updates to submittals, should be sent electronically through EPA's Central Data Exchange system at the following address: <https://cdx.epa.gov>. Information on electronically submitting risk management plans using the Central Data Exchange system is available at: <https://www.epa.gov/rmp>. The RMP Reporting Center can be contacted at: RMP Reporting Center, Post Office Box 10162, Fairfax, VA 22038, Telephone: (703) 227-7650.
- b. Submit to the permitting authority Title V certification forms or a compliance schedule in accordance with Rule 62-213.440(2), F.A.C.

[40 CFR 68]

FW9. Semi-Annual Reports. The permittee shall monitor compliance with the terms and conditions of this permit and shall submit reports at least every six months to the compliance office. Each semi-annual report shall cover the 6-month periods of January 1 – June 30 and July 1 – December 31. The reports shall be submitted by the 60th day following the end of each calendar half (i.e., March 1st and August 29th of every year). All instances of deviations from permit requirements (including conditions in the referenced Appendices) must be clearly identified in such reports, including reference to the specific requirement and the duration of such deviation. If there are no deviations during the reporting period, the report shall so indicate. Any semi-annual reporting requirements contained in applicable federal NSPS or NESHAP requirements may be submitted as part of this report. The submittal dates specified above shall replace the submittal dates specified in the federal rules. All additional reports submitted as part of this report should be clearly

SECTION II. FACILITY-WIDE CONDITIONS.

identified according to the specific federal requirement. All reports shall include a certification by a responsible official, pursuant to subsection 62-213.420(4), F.A.C. [Rule 62-213.440(1)(b)3.a., F.A.C.; and, 40 CFR 60.19(d), 40 CFR 61.10(h) & 40 CFR 63.10(a)(5)]

(See also Conditions RR2. - RR4. of Appendix RR, Facility-wide Reporting Requirements, for additional reporting requirements related to deviations.)

{Permitting Note: EPA has clarified that, pursuant to 40 CFR 70.6(a)(3), the word “monitoring” is used in a broad sense and means monitoring (i.e., paying attention to) the compliance of the source with all emissions limitations, standards, and work practices specified in the permit.}

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection A. Emissions Units 001-003, Three Non-emergency Natural Gas Engines

The specific conditions in this section apply to the following EU:

EU No.	Brief Description
001	Non-Emergency Natural Gas Engine No. 1901 (2,600 bhp)
002	Non-Emergency Natural Gas Engine No. 1902 (2,600 bhp)
003	Non-Emergency Natural Gas Engine No. 1903 (5,000 bhp)

FGT Engine No. 1901 (EU 001) is a Dresser-Rand Model 412-KVSR non-emergency 2,600 bhp SI 4-stroke lean burn (4SLB) ICE that fires natural gas. The engine is limited to a maximum heat input rate of 23.6 million British thermal units per hour (MMBtu/hr). Emissions from the engine are controlled by using lean-burn technology. The engine was installed in 1991.

FGT Engine No. 1902 (EU 002) is a Dresser-Rand Model 412-KVSR non-emergency 2,600 bhp SI 4SLB ICE that fires natural gas. The engine is limited to a maximum heat input rate of 23.6 MMBtu/hr. Emissions from the engine are controlled by using lean-burn technology (lean air-to-fuel ratio). The engine was installed in 1991.

FGT Engine No. 1903 (EU 003) is a Dresser-Rand Model TCVD-10 non-emergency 5,000 bhp SI 2-stroke lean-burn (2SLB) ICE that fires natural gas. The engine is limited to a maximum heat input rate of 46 MMBtu/hr. Emissions from the engine are controlled by using lean-burn technology (lean air-to-fuel ratio). The engine was installed in 1994.

{Permitting Note: These SI RICE are regulated under 40 CFR 63 Subpart A and 40 CFR 63 Subpart ZZZZ – NESHAP for Stationary RICE adopted in Rule 62.204,800(11)(b), F.A.C. These engines are considered “existing” stationary RICE with a site rating of more than 500 bhp located at a major source of HAP emissions, that commenced construction or reconstruction before December 19, 2002. However, existing spark ignition 2SLB stationary RICE and existing SI 4SLB stationary RICE with a site rating of more than 500 bhp located at a major source of HAP emissions, do not have to meet the requirements of Subpart ZZZZ and of Subpart A, including initial notification requirements, per 40 CFR 63.6590(b)(3).}

Essential Potential to Emit (PTE) Parameters

A.1. Permitted Capacity. The maximum allowable heat input rate and fuel consumption rate are as follows:

Unit No.	Heat Input Rate MMBtu/hour	Fuel Consumption MMscf/hour	Fuel Type
1901	23.6	0.0227	Natural Gas
1902	23.6	0.0227	Natural Gas
1903	46.0	0.0442	Natural Gas

[Rule 62-210.200(PTE), F.A.C.; and Permit Nos. AC05-189665 amended on September 17, 1993, & AC05-229322]

A.2. Emissions Unit Operating Rate Limitation After Testing. See the related testing provisions in Appendix TR, Facility-wide Testing Requirements. [Rule 62-297.310(3), F.A.C.]

A.3. Methods of Operation. Each engine is allowed to fire natural gas only [Rule 62-210.200(PTE), F.A.C.; and Permit Nos. AC05-189665 amended on September 17, 1993, & AC05-229322]

A.4. Hours of Operation. These emissions units may operate continuously (8,760 hours/year). [Rule 62-210.200(PTE), F.A.C.; and Permit Nos. AC05-189665 amended on September 17, 1993, & AC05-229322]

Emission Limitations and Standards

Unless otherwise specified, the averaging times for Specific Conditions **A.5. -A.9.** are based on the specified averaging time of the applicable test method.

A.5. Visible Emissions. As determined by stack test, visible emissions from each engine shall not exceed 10% opacity. [Permit Nos. AC05-189665 and AC05-229322]

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection A. Emissions Units 001-003, Three Non-emergency Natural Gas Engines

- A.6. NO_x Emissions.** As determined by stack test, nitrogen oxide (NO_x) emissions from each engine shall not exceed the following:
- Engine Nos. 1901 and 1902 (EU 001 & EU 002).* 48.3 tons/year. [Rule 62-4.070, F.A.C.; and Permit No. AC05-189665, amended on September 17, 1993]
 - Engine No. 1903 (EU 003).* 96.58 tons/year. [Rule 62-4.070, F.A.C.; and Permit Nos. AC05-229322 & 0090106-008-AC]
- A.7. CO Emissions.** As determined by stack test, carbon monoxide (CO) emissions from each engine shall not exceed the following:
- Engine Nos. 1901 and 1902 (EU 001 & EU 002).* 67.6 tons/year. [Rule 62-4.070, F.A.C.; and Permit No. AC05-189665, amended on September 17, 1993]
 - Engine No. 1903 (EU 003).* 135.21 tons/year. [Rule 62-4.070, F.A.C.; and Permit Nos. AC05-229322 & 0090106-008-AC]
- A.8. VOC Emissions.** As determined by stack test, VOC emissions from each engine shall not exceed the following:
- Engine Nos. 1901 and 1902 (EU 001 & EU 002).* 41.0 tons/year. *{Permitting Note: CO emissions is used as a surrogate for VOC emissions and by demonstrating compliance with the CO emissions limit will demonstrate compliance with the VOC emission limit.}* [Rule 62-4.070, F.A.C.; and Permit No. AC05-189665, amended on September 17, 1993]
 - Engine No. 1903 (EU 003).* 38.63 tons/year. *{Permitting Note: CO emissions is used as a surrogate for VOC emissions and by demonstrating compliance with the CO emissions limit will demonstrate compliance with the VOC emission limit.}* [Rule 62-4.070, F.A.C.; and Permit Nos. AC05-229322 & 0090106-008-AC]
- A.9. PM Emissions.** As determined by stack test, PM emissions from each engine shall not exceed the following:
- Engine Nos. 1901 and 1902 (EU 001 & EU 002).* 0.4 tons/year. [Rule 62-4.070, F.A.C.; and Permit No. AC05-189665, amended on September 17, 1993]
 - Engine No. 1903 (EU 003).* 0.89 tons/year. [Rule 62-4.070, F.A.C.; and Permit No. AC05-229322]

Test Methods and Procedures

- A.10. Test Methods.** When required, tests shall be performed in accordance with the following reference methods:

Method	Description of Method and Comments
1-4	Traverse Points, Velocity and Flow Rate, Gas Analysis, and Moisture Content
5	Determination of PM Emissions from Stationary Sources
7E	Determination of NO _x Emissions from Stationary Sources
9	Visual Determination of the Opacity of Emissions from Stationary Sources
10	Determination of CO Emissions from Stationary Sources {Note: The method shall be based on a continuous sampling train.}
18	Determination of VOC by Gas Chromatography
25A	Method for Determining Gaseous Organic Concentrations (Flame Ionization)

The above methods are described in 40 CFR 60, Appendix A, 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. [Rule 62-204.800, F.A.C.; and Permit Nos. AC05-189665 & AC05-229322]

- A.11. Annual Compliance Tests Required.** During each calendar year (January 1st to December 31st), each EU shall be tested to demonstrate compliance with the emissions standards for opacity, NO_x, CO, and PM in Specific Conditions **A.5 - A.7 & A.9**. Except, an annual emissions test shall not be required for any emissions

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection A. Emissions Units 001-003, Three Non-emergency Natural Gas Engines

unit with emissions generated solely from the combustion of natural gas; therefore, no stack testing required. However, the Department can request a special compliance test pursuant to Rule 62-297.310(8)(c), F.A.C. [Rule 62-297.310(8)(a), (8)(a)5.e, & (8)(c), F.A.C.; and Permit Nos. AC05-189665, AC05-229322 & 0090106-008-AC]

- A.12. Common Testing Requirements.** Unless otherwise specified, tests shall be conducted in accordance with the requirements and procedures specified in Appendix TR, Facility-wide Testing Requirements, of this permit. [Rule 62-297.310, F.A.C.]

{Permitting Note: Air compliance test notifications can now be completed online in the Department's Business Portal. To access this online process, go to <http://www.fldepportal.com/go/home> and sign in (or register if you're a new user) from the link in the upper right corner of the page. On the Welcome page select the Submit option, then select Registration/Notification, and then click on Air Compliance Test Notifications. Once in the process, read the instructions on each screen (and under the Help tabs) to complete the notification.}

- A.13. VOC Compliance.** Compliance with the VOC emissions limit can be demonstrated by meeting the CO allowable emission limit. [Permit Nos. AC05-189665, amended on September 17, 1993, and AC05-229322]
- A.14. Visual Inspection – Engine No. 1903 (EU 003).** The permittee shall annually perform a visual inspection of the compressor engine, filters, associated piping system for rust spots cracks, leaks and odors. Also, ensure that safety valves and the stack are in proper order and working properly. The permittee shall document the findings and corrective action taken. [Permit No. AC05-229322]

Recordkeeping and Reporting Requirements

- A.15. Monthly Recordkeeping Requirement.**

- a. *Monthly Log.* The permittee shall maintain a log containing the following information for each engine:
 - (1) Facility Name, Facility ID No. (i.e., Compressor Station 19, Facility ID 0090106).
 - (2) Designation of the month and year of record.
 - (3) Most recent monthly total of operational hours.
 - (4) Hourly logs of the natural gas burned (MMscf) in each compressor engine.
 - (5) Monthly average heat input rate per each hour of operation.
 - (6) Monthly logs shall be completed by the end of the following month.
- b. *Record Retention.* The permittee shall maintain the log at the facility for a period of 5 years and made available to the Department upon request.

[Rule 62-4.070(1) & (3), F.A.C.; and Permit No. 0090106-008-AC]

- A.16. Other Reporting Requirements.** See Appendix RR, Facility-wide Reporting Requirements, for additional reporting requirements. [Rule 62-213.440(1)(b), F.A.C.]

[Table of Contents](#)

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection B. Emissions Unit 004, 385 Bhp Emergency Generator

The specific conditions in this section apply to the following EU:

EU No.	Brief Description
004	Emergency Natural Gas Engine (385 bhp)

This EU is comprised of a 385 bhp natural gas fired emergency stationary SI 4-stroke rich burn (4SRB) ICE, that was manufactured by Waukesha, Model No. 28494 GU. This engine operates only as an emergency engine as defined in NESHAP Subpart ZZZZ and does not operate for purposes of emergency demand response or to regulate voltage or frequency deviation.

{Permitting Note: This emergency engine was installed prior to June 12, 2006, and is considered an existing source in accordance with 40 CFR 63.5690(a)(1)(ii), and is subject to the requirements of 40 CFR 63, Subpart ZZZZ, NESHAP for Stationary RICE adopted and incorporated in Rule 62-204.800(11)(b), F.A.C., for existing stationary RICE with a site rating less than 500 bhp located at a major source of HAP, that commenced construction before 6/12/2006.}

Essential Potential to Emit (PTE) Parameters

- B.1. Restricted Hours of Operation.** The permittee shall operate the emergency stationary RICE according to the requirements in paragraphs **a** through **c** of this condition.
- Emergency Situations.** There is no time limit on the use of emergency stationary RICE in emergency situations.
 - Other Situations.** The permittee may operate this emergency stationary RICE for maintenance checks and readiness testing for a maximum of 100 hours per calendar year, provided that the tests are recommended by federal, state or local government, the manufacturer, the vendor, the regional transmission organization or equivalent balancing authority and transmission operator, or the insurance company associated with the engine. The permittee may petition the Department for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the permittee maintains records indicating that federal, state, or local standards require maintenance and testing of emergency RICE beyond 100 hours per calendar year. Any operation for non-emergency situations as allowed by paragraph **c** of this condition counts as part of the 100 hours per calendar year allowed in this paragraph.
 - Non-emergency Situations.** This engine may be operated for up to 50 hours per calendar year in non-emergency situations. The 50 hours of operation in non-emergency situations are counted as part of the 100 hours per calendar year for maintenance and testing as provided in paragraph **b** of this condition. The 50 hours per year for non-emergency situations cannot be used for peak shaving or non-emergency demand response, or to generate income for a facility to supply power to an electric grid or otherwise supply power as part of a financial arrangement with another entity.
[Rule 62-204.800(11)(b), F.A.C.; and 40 CFR 63.6640(f)]

Emission Limitations and Standards

- B.2. Work Management Practice Standards.** The permittee shall meet the following requirements:
- Oil.** Change oil and filter every 500 hours of operation or within 1 year and 30 days of the previous change, whichever comes first. [Rule 62-204.800(11)(b), F.A.C.; and 40 CFR 63.6602 and Table 2c, 6a.]
 - Spark Plugs.** Inspect spark plugs every 1,000 hours of operation or within 1 year and 30 days of the previous change, whichever comes first, and replace as necessary. [Rule 62-204.800(11)(b), F.A.C.; and 40 CFR 63.6602 & Table 2c, 6b.]
 - Hoses and Belts.** Inspect all hoses and belts every 500 hours of operation or within 1 year and 30 days, whichever comes first, and replace as necessary. [Rule 62-204.800(11)(b), F.A.C.; and 40 CFR 63.6602 and Table 2c, 6c.]
 - Operation and Maintenance.** Operate and maintain the stationary RICE according to the manufacturer's emission-related operation and maintenance instructions or develop and follow your own maintenance plan which must provide, to the extent practicable for the maintenance and operation of the engine in a

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection B. Emissions Unit 004, 385 Bhp Emergency Generator

- manner consistent with good air pollution, control practice for minimizing emissions. [Rule 62-204.800(11)(b), F.A.C.; and 40 CFR 63.6625(e), 63.6640(a) & Table 6.9.a.]
- e. *Engine Startup.* During periods of startup the owner or operator must minimize the engine's time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes. [Rule 62-204.800(11)(b), F.A.C.; and 40 CFR 63.6625(h)]
 - f. *Oil Analysis.* The owner or operator has the option of utilizing an oil analysis program in order to extend the oil change requirement. The oil analysis must be performed at the same frequency specified for changing the oil in paragraph a., above. The analysis program must at a minimum analyze Total Acid Number, viscosity, and percent water content. The condemning limits for these parameters are as follows: Total Acid Number increases by more than 3.0 milligrams of potassium hydroxide (KOH) per gram from Total Acid Number of the oil when new; viscosity of the oil has changed by more than 20 percent from the viscosity of the oil when new; or percent water content (by volume) is greater than 0.5. If all of these condemning limits are not exceeded, the engine owner or operator is not required to change the oil. If any of the limits are exceeded, the engine owner or operator must change the oil within 2 business days of receiving the results of the analysis; if the engine is not in operation when the results of the analysis are received, the engine owner or operator must change the oil within 2 business days or before commencing operation, whichever is later. The owner or operator must keep records of the parameters that are analyzed as part of the program, the results of the analysis, and the oil changes for the engine. The analysis program must be part of the maintenance plan for the engine. [Rule 62-204.800(11)(b), F.A.C.; and 40 CFR 63.6625(j) and Table 2c, Footnote 2]
 - g. *Alternative Work Practices.* Sources can petition the Administrator pursuant to the requirements of 40 CFR 63.6(g) for alternative work practices. [Link to 40 CFR 63.6](#) [Rule 62-204.800(11)(b), F.A.C.; and 40 CFR 63, Subpart ZZZZ, Table 2c, Footnote 3]

Monitoring of Operations

- B.3. Hour Meter.** The owner or operator must install a non-resettable hour meter if one is not already installed. [Rule 62-204.800(11)(b), F.A.C.; and 40 CFR 63.6625(f)]

Compliance

- B.4. Continuous Compliance.** Each unit shall be in compliance with the emission limitations and operating standards in this section at all times. [Rule 62-204.800(11)(b), F.A.C.; and 40 CFR 63.6605(a)]
- B.5. Operation and Maintenance of Equipment.** At all times the owner or operator must operate and maintain, any affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. Determination of whether such operation and maintenance procedures are being used will be based on information available to the Department which may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source. [Rule 62-204.800(11)(b), F.A.C.; and 40 CFR 63.6605(b)]

Reporting Requirements

- B.6. Non-compliance.** You must report each instance in which you did not meet the requirements of this permit. These instances are deviations from the emission and operating limitations in this subpart. These deviations must be reported according to the requirements in Specific Conditions RR4. and RR7. of Appendix RR – Facility-wide Reporting requirements. [Rule 62-204.800(11)(b), F.A.C.; and 40 CFR 63.6640(b) & 63.6650(f)]
- B.7. Delay of Performing Work Practice Requirements.** If an emergency engine is operating during an emergency and it is not possible to shut down the engine in order to perform the work practice requirements on the schedule required in Specific Condition B.2, or if performing the work practice on the required schedule would otherwise pose an unacceptable risk under Federal, state, or local law, the work practice can

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection B. Emissions Unit 004, 385 Bhp Emergency Generator

be delayed until the emergency is over or the unacceptable risk under Federal, state, or local law has abated. The work practice should be performed as soon as practicable after the emergency has ended or the unacceptable risk under Federal, state, or local law has abated. Sources must report any failure to perform the work practice on the schedule required and the Federal, state or local law under which the risk was deemed unacceptable. [Rule 62-204.800(11)(b), F.A.C.; and 40 CFR 63, Subpart ZZZZ, Table 2c, Footnote 1]

B.8. Other Reporting Requirements. See Appendix RR, Facility-wide Reporting Requirements, for additional reporting requirements. [Rule 62-213.440(1)(b), F.A.C.]

Recordkeeping Requirements

B.9. Performance and Compliance Records. The owner or operator must keep:

- a. A copy of each notification and report that the owner or operator submitted to comply with this section, including all documentation supporting any Initial Notification or Notification of Compliance Status that the owner or operator submitted.
- b. Records of the occurrence and duration of each malfunction of operation.
- c. Records of all required maintenance performed on the hour meter.
- d. Records of actions taken during periods of malfunction to minimize emissions in accordance with Specific Condition **B.5**, including corrective actions to restore malfunctioning process and monitoring equipment to its normal or usual manner of operation.
- e. Records of the Work or Management Practice Standards specified in Specific Condition **B.2**.
- f. Records of the maintenance conducted in order to demonstrate that the RICE was operated and maintained according to the owner or operator's own maintenance plan.
- g. Records of the hours of operation of the engine that is recorded through the non-resettable hour meter. The owner or operator must document how many hours are spent for emergency operation including what classified the operation as emergency and how many hours are spent for non-emergency operation.

[Rule 62-204.800(11)(b), F.A.C.; and 40 CFR 63.6655]

B.10. Record Retention.

- a. The owner or operator must keep records in a suitable and readily available form for expeditious reviews.
- b. The owner or operator of an affected source subject to the provisions of this part shall maintain files of all information (including all reports and notifications) required by this part recorded in a form suitable and readily available for expeditious inspection and review. The files shall be retained for at least 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record. At a minimum, the most recent 2 years of data shall be retained on site. The remaining 3 years of data may be retained off site. Such files may be maintained on microfilm, on a computer, on computer floppy disks, on magnetic tape disks, or on microfiche.

[Rule 62-204.800(11)(b), F.A.C.; and 40 CFR 63.6660 and 40 CFR 63.10(b)(1)]

[Table of Contents](#)