Pall Aeropower Corporation

Facility ID No. 1010335
Pasco County

Title V Air Operation Permit

Permit No. 1010335-009-AV
(Renewal and Revision of Air Operation Permit No. 1010335-006-AO)

Permitting Authority:

State of Florida
Department of Environmental Protection
Air and Solid Waste Permitting, Southwest District

13051 North Telecom Parkway
Temple Terrace, Florida 33637-0926

Telephone: (813) 470-5700
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Compliance Authority:

State of Florida
Department of Environmental Protection
Compliance Assurance Program, Southwest District

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DRAFT/PROPOSED PERMIT

PERMITTEE:
Pall Aeropower Corporation
10540 Ridge Road
New Port Richey, Florida 34654

Permit No. 1010335-009-AV
Facility ID No. 1010335
Title V Air Operation Permit

The purpose of his permit is to replace the facility's existing non-Title V operation permit with a Title V air operation permit for the above referenced facility. The existing Pall Aeropower Corporation is located in Pasco County at 10540 Ridge Road, New Port Richey, Florida. UTM Coordinates are: Zone 17, 339.2 East and 3128.7 North. Latitude is: 28/16/29 North; and, Longitude is: 82/38/21 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, 62-213. The above named permittee is hereby authorized to operate the facility in accordance with the terms and conditions of this permit.

Effective Date: Date, 200x
Renewal Application Due Date: Exp. Date -225, 20xx
Expiration Date: Eff. Date + 5 years, 20xx

Draft/Proposed

_____

Kelley M. Boatwright
Permitting & Waste Cleanup Program Administrator
Southwest District

KMB/qn/admin

SECTION I. FACILITY INFORMATION.

Subsection A. Facility Description.

This facility manufactures aerospace, land, and marine filters (air, lubrication, hydraulic, jet fuel, oil and water) and other filtration components for aircraft, tanks, and submarines. The facility consists of five emissions units as shown below:

(Permitting Note: The facility was previously permitted as a non-Title V source and is now a major source of VOCs and an area source of HAPs. Therefore, it will not be subject to 40 CFR 63, Subpart GG – National Emission Standards for Aerospace Manufacturing and Rework Facilities).

Subsection B. Summary of Emissions Units.

EU No.	Brief Description
Regulated Emissions Units	
001	Non-Halogenated VOC Cleaning Operations
003	Paint Spray Booth
006	Chromic Acid Anodizing Tank
007	Emergency Diesel Engine (Existing Stationary RICE)
008	Emergency Spark Ignition Propane Fired Engine (Existing Stationary SI ICE)

Subsection C. Applicable Regulations.

Based on the Title V air operation permit application received 07/30/2014, this facility is not a major source of hazardous air pollutants (HAP). The existing facility is a Title V major source of air pollutants in accordance with Rule 62-213.400, F.A.C. A summary of applicable regulations is shown in the following table.

Regulation	EU No(s).
Federal Regulations	
40 CFR 63, Subpart A, NESHAP General Provisions	006, 007
40 CFR 60, Subpart A, NSPS General Provisions	008
40 CFR 63, Subpart N	006
40 CFR 63, Subpart ZZZZ	007
40 CFR 60, Subpart JJJJ	008
Chapters 62-4, 62-204, 62-210, 62-213, 62-296, and 62-297, F.A.C.	All

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, volatile organic compounds or organic solvents without applying known and existing vapor emission control devices or systems deemed necessary and ordered by the Department as follows:

a. All equipment, pipes, hoses, lids, fittings, etc., shall be operated/maintained in such a manner as to minimize leaks, fugitive emissions and spills of solvent materials.

b. All VOC/OS from washings (equipment clean-up) shall be directed into containers that prevent evaporation into the atmosphere.

c. Tightly cover or close all VOC containers when they are not in use.

d. Prevent excessive air turbulence across exposed VOCs.

e. Immediately confine and clean up VOC spills and make sure wastes are placed in closed containers for reuse, recycling or proper disposal.

[Rule 62-296.320(1), F.A.C. and Construction Permit No. 1010335-008-AC]

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. EPA Method 9 is the method of compliance pursuant to Chapter 62-297, F.A.C. This regulation does not impose a specific testing requirement.
[Rule 62-296.320(4)(b)1, F.A.C.]

FW5. Unconfined Particulate Matter - No person shall 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 to prevent emissions of unconfined particulate matter at this facility include:

a. Vehicular movement, transportation of materials, construction, alteration, demolition or wrecking.

b. Industrial related activities such as loading, unloading, storing and handling.

c. Use of dry particulate filters to control spray booth overspray emissions.

[Rule 62-296.320(4)(c), F.A.C.; Construction Permit No. 1010335-008-AC.]

Annual Reports and Fees

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

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 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, P.O. 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: http://www.dep.state.fl.us/air/emission/tvfee.htm. [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 within 60 days after the end of each calendar year during which the Title V permit was effective.
[Rules 62-213.440(3)(a)2. & 3. and (b), F.A.C.]

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: http://www.epa.gov/osweroe1/content/rmp/index.htm. 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]

***IMPORTANT NOTES TO PERMITTEE*:**

Permit Renewal - see Appendix TV, Condition No. TV18.
(Note - Renewal application is due 225 days prior to expiration date of this permit.)

Title V Semi-Annual Monitoring Reports - see Appendix RR, Condition No. RR4.

Subsection A. Emissions Unit Nos. 001, 003 and 006 – Surface Cleaning, Coating, and Anodizing

The specific conditions in this section apply to the following emissions units (EUs):

EU ID No.	Brief Description
-001	Non-Halogenated VOC Cleaning Operations
-003	Paint Spray Booth
-006	Chromic Acid Anodizing Tank

Non-Halogenated VOC Cleaning Operations (EU 001)
Various volatile organic solvents, including petroleum ether, mineral spirits, heptane, and ethyl alcohol are used for cleaning activities (cold degreasing) associated with the production of aerospace, land, and marine filters and filtration devices. Jet fuel is used for testing fuel filters in test tanks. These activities generally take place in the assembly area and machine shop.

Paint Spray Booth (EU 003)
Manufactured aluminum alloy and stainless steel filters and filtration devices are painted (primers and topcoats) in a Col-Met Spray Systems Model ATR-EMD-24-PS Modified DownFINAL Pressurized paint spray booth (inside dimensions approximately 14' wide x 24' long x 9 ' tall). Particulate matter emissions due to paint overspray are controlled by dry filters.

Chromic Acid Anodizing Tank (EU 006)
This emissions unit is used to anodize aluminum parts. Emissions from the chromic acid anodizing tank are controlled by use of Zero-Mist™ surfactant (a wetting agent) which creates a layer of foam on the surface of the tank liquid. It also decreases the surface tension of the tank liquid. The foam blanket eliminates approximately 99% of the chromium mist air emissions.

Essential Potential to Emit (PTE) Parameters

A.1. Hours of Operation - These emissions units may operate continuously (8,760 hours/year).
[Rule 62-210.200 (Potential to Emit), F.A.C., Construction Permit No. 1010335-008-AC]

Control Technology

A.2. Circumvention of Control Devices - The permittee shall not circumvent any air pollution control device (i.e., spray booth dry particulate filters, and anodizing tank surfactant) or allow the emissions of air pollutants without the applicable air pollution control device operating properly. In order to provide reasonable assurance that paint booth overspray is being effectively controlled, visible emissions from the spray booth exhaust shall not exceed 5% opacity. If this value is exceeded it will not be considered a violation in and of itself, but an indication that additional controls or increased filter maintenance (including filter replacement) may be required.
[Rules 62-4.070(3), and 62-210.650, F.A.C.; Construction Permit No. 1010335-008-AC]

Emission Limitations and Standards

(Permitting Note - The attached Table 1, Summary of Air Pollutant Standards, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.)

A.3. VOC Emission Limitation - Emissions of volatile organic compounds (VOC) from the emission units 001, 003 & 006 shall not exceed a total of 220.0 tons per any consecutive 12-month period.
[Rule 62-210.200 (Potential to Emit), F.A.C.; Construction Permit No. 1010335-008-AC]

A.4. HAP Emission Limitations – Individual emissions of hazardous air pollutant (HAP) (as defined in Rule 62-210.200 (Definitions), F.A.C.) from the emission units 001, 003 & 006 shall be less than a total of 10.0 tons per any consecutive 12-month period. Combined emissions of all HAPs from the emission units 001, 003 & 006 shall be less than a total of 25.0 tons per any consecutive 12-month period.
[Rule 62-210.200 (Potential to Emit), F.A.C.; Construction Permit No. 1010335-008-AC]

Recordkeeping and O & M Plans

(Permitting Note - The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.)

A.5. VOC/HAP Emission Records - In order to document compliance with the volatile organic compound (VOC) and hazardous air pollutants (HAP) emission limitations of Specific Condition Nos. A.3. and A.4., the permittee shall maintain a monthly log of the usage of all VOC and HAP containing materials used in association with the manufacturing activities at the emission units 001, 003 & 006. Monthly entries into the log shall be completed no later than the 10th day of the following month. At a minimum the log shall contain the following:

a. facility name and Facility ID (1010335);

b. month and year of record;

c. the quantity used of each VOC and/or HAP containing material (gallons or pounds);

d using the material density (if gallons are tracked) and VOC/HAP content (% by weight from MSDS sheets or other manufacturer's data), a calculation of the monthly individual HAP, total HAPs and VOC emissions for each material (pounds/month). (The log sheet shall show the HAP/VOC content used in the emission calculations for each material.)

e. a calculation of the individual HAP, total HAPs emissions (all HAPs combined), and total VOC emissions for the facility for the month, and for the most recent 12-consecutive-month period (tons/12-consecutive-month period).

This method of determining emissions makes the conservative assumption that VOC/HAP usage equals emissions. A mass balance method may be used to determine each material's usage (amount used minus amount collected for disposal or recycle). At the permittee's option, "quantity purchased" may be reported to satisfy the requirement of "quantity used", provided no materials are used which are not purchased. Supporting documentation such as disposal/recycle records, HAP/VOC content, MSDS Sheets, "As Supplied" data sheets, purchase orders, etc. which includes sufficient information to determine emissions shall be kept for each material used.
[Rules 62-4.070(3), F.A.C.]

(Permitting Note - Additional recordkeeping and reporting requirements are contained in NESHAP 40 CFR 63 Subpart N (which also includes applicable recordkeeping and reporting provisions of Subpart A - General Provisions of 40 CFR 63.)

A.6. Anodizing Tank (EU 006) NESHAP Subpart N Operation and Maintenance (O&M) Plan - The permittee shall follow an O&M Plan established for the Chromic Acid Anodizing Tank (EU 006) in accordance with the requirements of 40 CFR 63.342(f)(3)(i)* (*see NESHAP 40 CFR 63 Subpart N).* In accordance with 40 CFR 63.342(f)(3)(v), the owner or operator shall keep the current written operation and maintenance plan on record to be made available for inspection, upon request, for the life of the affected source or until the source is no longer subject to the provisions of this subpart. In addition, if the operation and maintenance plan is revised, the owner or operator shall keep previous (i.e., superseded) version(s) of the operation and maintenance plan on record to be made available for inspection, upon request, for a period of 5 years after each revision to the plan.
[Rule 62-204.800(11), F.A.C.; NESHAP Subpart N 40 CFR 63.342(f)(3)]

(Permitting Note – The current version of the O&M Plan is attached as part of this permit in Appendix O&M Plan (Chromic Acid Anodizing Tank.)*

Other Requirements

A.7. Federal Rule Requirements - In addition to the specific conditions listed above, this emissions unit No. 006 is also subject to the applicable requirements contained in 40 CFR 63, Subpart A – General Provisions and 40 CFR 63 Subpart N – National Emissions Standards for Chromium Emissions from Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks.
[Rules 62-204.800 and 62-213.440, F.A.C.]

The specific conditions in this section apply to the following emissions unit (EU):

EU ID No.	Brief Description
-007	Emergency Diesel Engine (Existing Stationary RICE)

This emissions unit consists of the following Emergency Diesel Engine:

Description	Manufacturer	Model No.	Power (bhp)	Date of Construction
Data Center Emergency Generator	Kohler	125REOZJB	197	2006

Federal Rule Requirements

B.1. 40 CFR 63, Subpart ZZZZ Requirements. The emergency diesel engine included in this emissions unit is subject to the applicable requirements contained in 40 CFR 63, Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines and 40 CFR 63, Subpart A - General Provisions. The applicable requirements for the engine (based on category and HP rating) are shown in Appendix NESHAP - 40 CFR 63, Subpart ZZZZ - Summary of Requirements.

*{**Permitting Note:** See "Appendix NESHAP-40 CFR 63, Subpart A" and "Appendix NESHAP-40 CFR 63, Subpart ZZZZ"}*

[Rule 62-4.070(3), F.A.C.; 40 CFR 63 Subpart A and 40 CFR 63 Subpart ZZZZ]

Essential Potential to Emit (PTE) Parameters

B.2. Hours of Operation. The permittee must operate this emissions unit according to the requirements in 40 CFR 63.6640(f)(1), (2) and (4). In order for each engine to be considered an emergency stationary RICE under 40 CFR 63, Subpart ZZZZ, any operation other than emergency operation, maintenance and testing, emergency demand response, and operation in non-emergency situations for 50 hours per year (per engine), as described in 40 CFR 63.6640(f)(1), (2) and (4), is prohibited. If each engine is not operated according to the requirements in 40 CFR 63.6640(f)(1), (2) and (4), the engines will not be considered an emergency engine under 40 CFR 63, Subpart ZZZZ and must meet all requirements for non-emergency engines.

For each engine listed in this emissions unit:

(1) There is no time limit on the use of emergency stationary RICE in emergency situations.

(2) Operation of emergency stationary RICE for any combination of the purposes specified in 40 CFR 63.6640(f)(2)(i) through (iii) of this section for a maximum of 100 hours per calendar year is allowed. Any operation for non-emergency situations as allowed by 40 CFR 63.6640(f)(4) of this section counts as part of the 100 hours per calendar year allowed by 40 CFR 63.6640(f)(2).

(i) - Emergency stationary RICE may be operated for maintenance checks and readiness testing, 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 owner or operator may petition the Administrator for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the owner or operator maintains records indicating that federal, state, or local standards require maintenance and testing of emergency RICE beyond 100 hours per calendar year.

(ii) - Emergency stationary RICE may be operated for emergency demand response for periods in which the Reliability Coordinator under the North American Electric Reliability Corporation (NERC) Reliability Standard EOP-002-3, Capacity and Energy Emergencies (incorporated by reference, see § 63.14), or other authorized entity as determined by the Reliability Coordinator, has declared an Energy Emergency Alert Level 2 as defined in the NERC Reliability Standard EOP-002-3.

(iii) - Emergency stationary RICE may be operated for periods where there is a deviation of voltage or frequency of 5 percent or greater below standard voltage or frequency.

(3) Emergency stationary RICE located at area sources of HAP 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 and emergency demand response provided in 40 CFR 63.6640(f)(2). Except as provided in paragraph (f)(4)(ii), 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 62-210.200 (Potential to Emit), F.A.C., 40 CFR 63.6640(f)]

*{**Permitting Note:** Specific Condition Nos.B.3. through B.13 are applicable for the Existing Engines ≤ 500HP only.}*

General Requirements for Existing Engines ≤ 500HP

B.3. Work or Management Practice Standards. The permittee shall comply with the requirements listed in the following table for each engine.

For each…	You must meet the following requirements except during periods of startup…
1. Emergency stationary CI RICE and black start stationary CI RICE [2]	a. Change oil and filter every 500 hours of operation or annually, whichever comes first.[1] b. Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first, and replace as necessary; c. Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.

[1] *Sources have the option to utilize an oil analysis program as described in § 63.6625(i) or (j) in order to extend the specified oil change requirement in Table 2d of this subpart.*

[2] *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 Table 2d of 40 CFR 63, Subpart ZZZZ, 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 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. The management 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 management practice on the schedule required and the federal, state or local law under which the risk was deemed unacceptable.*

[40 CFR 63.6602 and 40 CFR 63, Table 2d]

Monitoring of Operations for Existing Engines ≤ 500HP

B.4. General Maintenance. The permittee must operate and maintain the stationary RICE and after-treatment control device (if any) according to the manufacturer's emission related written instructions or develop your own maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions.
[40 CFR 63.6625(e)]

B.5. Hour Meter. A non-resettable hour meter must be installed if one is not already installed.
[40 CFR 63.6625(f)]

B.6. Time Spent at Idle. The permittee 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, after which time the emission standards applicable to all times other than startup in 40 CFR 63, Subpart ZZZZ, Table 2d (i.e., Specific Condition No. B.3) to this subpart apply.
[40 CFR 63.6625(h)]

B.7. Optional Oil Analysis Program. The permittee has the option of utilizing an oil analysis program in order to extend the specified oil change requirement in 40 CFR 63, Subpart ZZZZ, Tables 2d (i.e., Specific Condition No. B.3). The oil analysis program must be performed in accordance with the requirements of 40 CFR 63.6625(i).
[40 CFR 63.6625(i)]

Compliance for Existing Engines ≤ 500HP

B.8. Continuous Compliance. Each unit must be in compliance with the applicable Work or Management Practice Standards of Specific Condition No. B.3. at all times.
[40 CFR 63.6605(a)]

B.9. Operation and Maintenance of Equipment. At all times you 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. The general duty to minimize emissions does not require you to make any further efforts to reduce emissions if levels required by this standard have been achieved. Determination of whether such operation and maintenance procedures are being used will be based on information available to the Administrator which may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source.
[40 CFR 63.6605(b)]

B.10. The permittee must demonstrate continuous compliance with each emission limitation, operating limitation, and other requirements in Specific Condition No. B.3. that apply to you according to methods specified in 40 CFR 63, Subpart ZZZZ, Table 6.
[40 CFR 63.6640(a)]

B.11. The permittee must also report each instance in which the applicable requirements in 40 CFR 63, Subpart ZZZZ, Table 8 were not met.
[40 CFR 63.6640(e)]

Recordkeeping and Reporting Requirements for Existing Engines ≤ 500HP

B.12. Maintenance Plan Records. You must keep records of the maintenance conducted on the stationary RICE in order to demonstrate that you operated and maintained the stationary RICE and after-treatment control device (if any) according to your own maintenance plan.
[40 CFR 63.6655(e)]

B.13. Hours or Operation Records. If you own or operate any of the stationary RICE in paragraphs (f)(2) of this section, you must keep records of the hours of operation of the engine that is recorded through the nonresettable 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. If the engine is used for the purposes specified in 40 CFR 63.6640(f)(2)(ii) or (iii) or 40 CFR 63.6640(f)(4)(ii), the owner or operator must keep records of the notification of the emergency situation, and the date, start time, and end time of engine operation for these purposes.

(2) An existing emergency stationary RICE located at an area source of HAP emissions that does not meet the standards applicable to non-emergency engines.

[40 CFR 63.6655(f)]

The specific conditions in this section apply to the following emissions unit (EU):

EU ID No.	Brief Description
-008	Emergency Spark Ignition Propane Fired Engine (Existing Stationary SI ICE)

This emissions unit consists of the following Emergency Diesel Engine:

Description	Manufacturer	Model No.	Power (bhp)	Date of Construction
Bubble Point Emergency Generator	Kohler	100REZGD	155	2013

Federal Rule Requirements

C.1. 40 CFR 60, Subpart JJJJ Requirements. The emergency diesel engine included in this emissions unit is subject to the applicable requirements contained in 40 CFR 60, Subpart JJJJ - Standards of Performance for Stationary Spark Ignition Internal Combustion Engines and 40 CFR 60, Subpart A - General Provisions. The applicable requirements for the engine (based on category and HP rating) are shown in Appendix NSPS - 40 CFR 60, Subpart JJJJ - Summary of Requirements.

*{**Permitting Note:** See "Appendix NSPS-40 CFR 60, Subpart A" and "Appendix NSPS-40 CFR 60, Subpart JJJJ"}*

[Rule 62-4.070(3), F.A.C.; 40 CFR 60 Subpart A and 40 CFR 60 Subpart JJJJ]

Essential Potential to Emit (PTE) Parameters

C.2. Emissions Standards. NOx, CO and VOC Emissions Standards for Stationary Emergency Engines >25 HP: The emissions unit shall comply with all the applicable emissions standards per 40 CFR 60, Subpart JJJJ Table 1.
[Rule 62-210.200 (Potential to Emit), F.A.C.; 40 CFR 60.4233(e) and 40 CFR 60, Subpart JJJJ Table 1]

General Requirements for stationary SI Internal Combustion Engine (ICE)

C.3. Work or Management Practice Standards. Owners and operators of stationary SI ICE must operate and maintain stationary SI ICE that achieve the emission standards as required in §60.4233 over the entire life of the engine.
[40 CFR 60.4234 and 40 CFR 60, Subpart JJJJ Table 1]

Monitoring of Operations for stationary SI Internal Combustion Engine (ICE)

C.4. Hour Meter. Starting on January 1, 2011, if the emergency stationary SI internal combustion engine that is greater than or equal to 130 HP and less than 500 HP that was built on or after January 1, 2011, does not meet the standards applicable to non-emergency engines, the owner or operator must install a non-resettable hour meter.

[40 CFR 60.4237(b)]

Compliance Requirements for stationary SI Internal Combustion Engine (ICE)

C.5. Maintenance and Readiness Check of Equipment. Emergency stationary ICE may be operated for the purpose of maintenance checks and readiness testing, provided that the tests are recommended by Federal, State or local government, the manufacturer, the vendor, or the insurance company associated with the engine. Maintenance checks and readiness testing of such units is limited to 100 hours per year. There is no time limit on the use of emergency stationary ICE in emergency situations. The owner or operator may petition the Administrator for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the owner or operator maintains records indicating that Federal, State, or local standards require maintenance and testing of emergency ICE beyond 100 hours per year. Emergency stationary ICE may operate up to 50 hours per year in non-emergency situations, but those 50 hours are counted towards the 100 hours per year provided for maintenance and testing. The 50 hours per year for non-emergency situations cannot be used for peak shaving 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. For owners and operators of emergency engines, any operation other than emergency operation, maintenance and testing, and operation in non-emergency situations for 50 hours per year, as permitted in this section, is prohibited.

[40 CFR 60.4243(d)]

C.6. General Provisions. Table 3 to this subpart shows which parts of the General Provisions in §§60.1 through 60.19 apply to the emissions unit.

[40 CFR 60.4246]

Recordkeeping and Reporting Requirements stationary SI Internal Combustion Engine (ICE)

C.7. Maintenance of Records. You must keep records of information in paragraphs (1) through (4) stated below:

(1) All notifications submitted to comply with this subpart and all documentation supporting any notification.

(2) Maintenance conducted on the engine.

(3) If the stationary SI internal combustion engine is a certified engine, documentation from the manufacturer that the engine is certified to meet the emission standards and information as required in 40 CFR parts 90, 1048, 1054, and 1060, as applicable.

(4) If the stationary SI internal combustion engine is not a certified engine or is a certified engine operating in a non-certified manner and subject to §60.4243(a)(2), documentation that the engine meets the emission standards.

[40 CFR 60.4245(a)]

C.8. Hours or Operation Records. If you own or operate any SI emergency ICE greater than or equal to 130 HP and less than 500 HP manufactured on or after July 1, 2011 that do not meet the standards applicable to non-emergency engines, you must keep records of the hours of operation of the engine that is recorded through the non-resettable hour meter. You 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.

[40 CFR 60.4245(b)]

SECTION IV. APPENDICES.

The Following Appendices Are Enforceable Parts of This Permit:

Appendix A, Glossary

Appendix I, List of Insignificant Emissions Units and/or Activities

Appendix NESHAP 40 CFR 63, Subpart A – General Provisions

Appendix NESHAP 40 CFR 63, Subpart N *(National Emission Standards for Chromium Emissions from Hard and Decorative Electroplating and Chromium Anodizing Tanks)*

Appendix NESHAP 40 CFR 63, Subpart ZZZZ (*National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines*)

Appendix NSPS 40 CFR 60, Subpart A – General Provisions

Appendix NSPS 40 CFR 60, Subpart JJJJ (*Standards of Performance for Stationary Spark Ignition Internal Combustion Engines*)

Appendix O & M Plan

Appendix RR, Facility-wide Reporting Requirements

Appendix TV, Title V General Conditions

REFERENCED ATTACHMENTS.

The Following Attachments Are Included for Applicant Convenience:

Statement of Basis

Table H, Permit History

Tables 1 and 2, Summary of Air Pollutant Standards and Terms & Compliance Requirements