General Engines Company, Inc.
Eager Beaver Trailers

Facility ID No. 1050432
Polk County

Initial Title V Air Operation Permit

Permit No. 1050432-003-AV

Permitting Authority:

State of Florida
Department of Environmental Protection
Air Resource Management, Southwest District

13051 North Telecom Parkway
Temple Terrace, Florida 33637-0926

Telephone: (813) 632-7600
Fax: (813) 632-7668

Compliance Authority:

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FINAL PERMIT

PERMITTEE:
General Engines Company, Inc.
14893 Hwy 27
Lake Wales, FL 33859

Permit No. 1050432-003-AV
Eager Beaver Trailers
Facility ID No. 1050432
Initial Title V Air Operation Permit

The purpose of this permit is for the initial Title V air operation permit for the above referenced facility. The existing Eager Beaver Trailers facility is located in Polk County at 14893 Hwy 27, Lake Wales, Florida. UTM Coordinates are: Zone 17, 442.3 km East and 3079.2 km North. Latitude is: 27º 50' 10" North; and, Longitude is: 81º 35' 10" 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: 11/15/2011
Renewal Application Due Date: 04/04/2016
Expiration Date: 11/15/2016

_____

Cindy Zhang-Torres, P.E.
Air Permitting Manager
Southwest District

CZT/nb/pp

SECTION I. FACILITY INFORMATION.

Subsection A. Facility Description.

This facility manufactures construction equipment trailers. The permitted sources at this facility include surface coating, sandblasting, and various reciprocating internal combustion engines.

Although the facility is currently not a major source of HAPs (Hazardous Air Pollutants), previous records indicate that facility's individual and total HAP emissions had exceeded their respective major source thresholds in the past (10 tons per year for any HAP and 25 tons per year for any combination of HAPs). Therefore, Surface Coating Operation (EU No. 001) is subject to the applicable requirements of 40 CFR 63 Subpart MMMM – National Emission Standards for Hazardous Air Pollutants for Surface Coating of Miscellaneous Metal Parts and Products, adopted and incorporated by reference in Rule 62-204.800(11)(b), F.A.C., and the facility is a Title V source.

Subsection B. Summary of Emissions Units.

EU No.	Brief Description
Regulated Emissions Units	
001	Surface Coating Operation
002	Sandblasting Operation
003	Existing Emergency Stationary CI RICE Engine ≤ 500 HP
004	Existing Non-Emergency Stationary CI RICE Engine ≤ 300 HP
005	Two (2) New Stationary SI RICE Engines
006	Three (3) Existing Stationary SI RICE Engines

Subsection C. Applicable Regulations.

Based on the initial Title V air operation permit application received June 10, 2011, this facility is NOT a major source of hazardous air pollutants (HAP). Because this facility operates stationary reciprocating internal combustion engines, it is subject to regulation under 40 CFR 63, Subpart ZZZZ – National Emissions Standards For Hazardous Air Pollutants For Stationary Reciprocating Internal Combustion Engines. A summary of applicable regulations is shown in the following table.

Regulation	EU No(s).
40 CFR 63, Subpart A, NESHAP General Provisions	001, 003, 004, 006
40 CFR 63, Subpart MMMM, National Emission Standards for Hazardous Air Pollutants for Surface Coating of Miscellaneous Metal Parts and Products	001
40 CFR 63, Subpart ZZZZ, National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines	003, 004, 006
40 CFR 60, Subpart A, General Provisions	005
40 CFR 60, Subpart JJJJ, Standards of Performance for Stationary Spark Ignition Internal Combustion Engines	005
Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-296, and 62-297, F.A.C.	All

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.

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 equipment clean-up shall be directed into containers that prevent evaporation into the atmosphere.
c. Tightly cover or close all VOC and/or solvent 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.]

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. The activities listed above shall cease if wind conditions or other circumstances result in fugitive dust outside of plant property.
b. If necessary, speed of vehicular traffic on unpaved roads shall be decreased to minimize dust. Further dust control, if required, shall include watering of a dust generation area.

[Rule 62-296.320(4)(c), F.A.C.]

{Permitting Note: Proposed by applicant in Title V air operation permit application received June 10, 2011.}

Annual Reports and Fees
See Appendix RR, Facility-wide Reporting Requirements for additional details.

FW6. Annual Operating Report. The permittee shall submit an annual report that summarizes the actual operating rates and emissions from this facility. Annual operating reports shall be submitted to the Compliance Authority by April 1st of each year.
[Rule 62-210.370(3), F.A.C.]

FW7. Annual Emissions Fee Form and Fee. The annual Title V emissions fees are due (postmarked) by March 1st of each year. The completed form and calculated fee shall be submitted to: Major Air Pollution Source Annual Emissions Fee, P.O. Box 3070, Tallahassee, Florida 32315-3070. The forms are available for download 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.
[Rule 62-213.205, F.A.C.]

FW8. 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 (3)(b), F.A.C.]

FW9. 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 to: 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]

Subsection A. Emissions Unit No. 001 – Surface Coating Operation

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

EU No.	Brief Description
-001	Surface coating is done indoors in two spray paint booths: one booth is utilized for large and one for medium and small trailers. Particulate matter emissions are controlled with fabric filters. The surface coatings are applied utilizing airless spray guns.

Essential Potential to Emit (PTE) Parameters

A.1. Hours of Operation. This emissions unit may operate continuously (8,760 hours/year).
[Rule 62-210.200(PTE), F.A.C.; Construction Permit No. 1050432-001-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.2. Emissions Limits. Emissions from the surface coating operation shall comply with the following:

Pollutant	**Emission Limit** (tons per any consecutive 12-month period)
VOCs (Volatile Organic Compounds)	33
Any Individual HAP (Hazardous Air Pollutant)	9.9
Total HAPs (Hazardous Air Pollutants)	24

[Rule 62-210.200(PTE), F.A.C.; Construction Permit 1050432-001-AC]

Excess Emissions

A.3. Excess Emissions Allowed. Excess emissions resulting from startup, shutdown or malfunction shall be permitted provided that best operational practices to minimize emissions are adhered to and the duration of excess emissions shall be minimized but in no case exceed two hours in any 24 hour period unless specifically authorized by the Department for longer duration.
[Rule 62-210.700(1), F.A.C.]

A.4. Excess Emissions Prohibited. 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 during startup, shutdown or malfunction shall be prohibited.
[Rule 62-210.700(4), F.A.C.]

Recordkeeping and Reporting Requirements

A.5. Reporting Schedule. The following reports and notifications shall be submitted to the Compliance Authority:

Report	Reporting Deadline	Related Condition
Semiannual NESHAP Subpart MMMM Compliance Report	July 31 and January 31 of each year	A.9.

[Rule 62-213.440, F.A.C.]

A.6. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.
[Rule 62-4.070(3), F.A.C.]

A.7. Monthly Log. The permittee shall keep monthly logs to document compliance with the VOC and HAP limitations of Specific Condition A.2. The logs may be based on the beginning and ending inventories, deliveries, shipments, etc. At the option of the permittee, "purchases" may be used instead of "usage" in determining VOC/HAP emissions, provided that no materials are used which are not purchased. The monthly logs shall include, but not be limited to, the following information:

a. Facility name, facility ID No., emission unit ID No., and description (i.e., Eager Beaver Trailers, 1050432, EU 001, Surface Coating Operation).

b. Month, year, and method used for records (usage or purchase).

VOC Monthly Records

c. The quantity (gallons) and VOC content (lbs/gal) of each VOC-containing material (surface coatings and solvents) used for the month.

d. The calculated monthly total VOC emissions, in tons.

e. A cumulative total of the VOC emissions for the most recent consecutive 12-month period, in tons.

HAP Monthly Records

f. The quantity (gallons) and HAP content (lbs/gal) of each HAP-containing material (surface coatings and solvents) used for the month.

g. The calculated monthly HAP emissions for each individual HAP, in tons.

h. The calculated monthly HAP emissions for total HAPs, in tons.

i. A cumulative total of the HAP emissions for each individual HAP for the most recent consecutive 12-month period, in tons.

j. A cumulative total of the HAP emissions for total HAPs for the most recent consecutive 12-month period, in tons.

Monthly records shall be completed by the end of the following month. These records shall be maintained at the facility for at least 5 years and made available to the Department upon request. Supporting documentation (MSDS sheets, purchase orders, emission factors, etc.) shall be kept for each VOC and HAP containing material.
[Rule 62-4.070(3), F.A.C.; Construction Permit 1050432-001-AC]

A.8. Monthly Log for Compliance with 40 CFR 63 Subpart MMMM. In order to demonstrate compliance with 40 CFR 63 Subpart MMMM, the permittee is required to keep monthly logs of organic HAP emissions. These monthly logs shall include, but not be limited to, the following information:

a. The calculation of the total mass of organic HAP emissions for the month. The mass of organic HAP emissions is the combined mass of organic HAP contained in all coatings, thinners and/or other additives, and cleaning materials minus the organic HAP in waste materials.

b. The calculation of the total volume of coating solids used each month.

c. The calculation of the 12-month organic HAP emission rate using equations listed in §63.3951.

[Rule 62-4.070(3), F.A.C.; Construction Permit 1050432-001-AC]

Other Requirements

A.9. Federal Rule Requirements. In addition to the specific conditions listed above, this emissions unit is also subject to the applicable requirements contained in 40 CFR 63 Subpart MMMM (National Emission Standards for Hazardous Air Pollutants for Surface Coating of Miscellaneous Metal Parts and Products), as adopted by reference in Rule 62-204.800(11)(b), F.A.C.; as well as Subpart A (General Provisions) for 40 CFR 63, adopted by reference in Rule 62-204.800(11)(d), F.A.C. The applicable provisions of Subpart MMMM are listed below:

§ 63.3880 What is the purpose of this subpart?

§ 63.3881 Am I subject to this subpart?

§ 63.3882 What parts of my plant does this subpart cover?

§ 63.3883 When do I have to comply with this subpart?

§ 63.3890 What emission limits must I meet?
§ 63.3890(b)(1)

§ 63.3891 What are my options for meeting the emission limits?

§ 63.3893 What work practice standards must I meet?

§ 63.3900 What are my general requirements for complying with this subpart?

§ 63.3901 What parts of the General Provisions apply to me?

§ 63.3910 What notifications must I submit?

§ 63.3920 What reports must I submit?

§ 63.3930 What records must I keep?

§ 63.3931 In what form and for how long must I keep my records?

§ 63.3950 By what date must I conduct the initial compliance demonstration?

§ 63.3951 How do I demonstrate initial compliance with the emission limitations?

§ 63.3952 How do I demonstrate continuous compliance with the emission limitations?

§ 63.3980 Who implements and enforces this subpart?

§ 63.3981 What definitions apply to this subpart?

Table 2 to Subpart MMMM of Part 63—Applicability of General Provisions to Subpart MMMM of Part 63

Table 3 to Subpart MMMM of Part 63—Default Organic HAP Mass Fraction for Solvents and Solvent Blends

Table 4 to Subpart MMMM of Part 63—Default Organic HAP Mass Fraction for Petroleum Solvent Groups

[Rules 62-204.800 and 62-213.440, F.A.C.]

Subsection B. Emissions Unit No. 002 – Sandblasting Operation

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

EU No.	Brief Description
-002	Sandblasting occurs in two sandblast booths: one booth is utilized for large and one for medium and small trailers. Particulate matter emissions are reduced by filter panels. The sand is received in bags; the facility does not have any sand silos.

Essential Potential to Emit (PTE) Parameters

B.1. Permitted Capacity. The sand throughput is limited to 373 tons per any consecutive 12-month period.
[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.; Construction Permit 1050432-001-AC]

B.2. Hours of Operation. This emissions unit may operate continuously (8,760 hours/year).
[Rule 62-210.200(PTE), F.A.C., Construction Permit 1050432-001-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.}

Unless otherwise specified, the averaging time for Specific Condition B.3.is based on the specified averaging time of the applicable test method.

B.3. Visible Emissions Indicator. Visible emissions from the sandblast booth exhausts are limited to less than 20% opacity. However, in order to provide reasonable assurance that the filter panels are operated properly, visible emissions from the exhausts shall not exceed 5% opacity. If this value is exceeded, it will not be considered a violation in and of itself, but may indicate that additional control methods or procedures are necessary.
[Rules 62-4.070(3) and 62-296.320(4)(b)1., F.A.C.; Construction Permit 1050432-001-AC]

Excess Emissions

B.4. Excess Emissions Allowed. Excess emissions resulting from startup, shutdown or malfunction shall be permitted provided that best operational practices to minimize emissions are adhered to and the duration of excess emissions shall be minimized but in no case exceed two hours in any 24 hour period unless specifically authorized by the Department for longer duration.
[Rule 62-210.700(1), F.A.C.]

B.5. Excess Emissions Prohibited. 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 during startup, shutdown or malfunction shall be prohibited.
[Rule 62-210.700(4), F.A.C.]

Test Methods and Procedures

{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.}

B.6. Test Methods. If required, tests shall be performed in accordance with the following reference methods:

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

The above method is 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 62-297.401, F.A.C.]

B.7. Common Testing Requirements. Unless otherwise specified, tests (*if required*) 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.]

Recordkeeping and Reporting Requirements

B.8. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.
[Rule 62-4.070(3), F.A.C.]

B.9. Monthly Log. The permittee shall keep monthly logs to document compliance with the throughput limitation of Specific Condition B.1. At the option of the permittee, "purchases" may be used instead of "usage" in determining sand throughput, provided that no sand is used which is not purchased. The logs shall include the following for each calendar month:

a. Facility name, facility ID No., emission unit ID No., and description (i.e., Eager Beaver Trailers, 1050432, EU 002, Sandblasting Operation).

b. The monthly amount of sand used in sandblasting operation, in tons.

c. A cumulative total amount of sand used for the most recent consecutive 12-month period, in tons.

Monthly records shall be completed by the end of the following month. These records shall be maintained at the facility for at least 5 years and made available to the Department upon request.
[Rule 62-4.070(3), F.A.C.; Construction Permit 1050432-001-AC]

Subsection C. Emissions Unit No. 003 – Existing Emergency Stationary CI RICE Engine ≤ 500 HP

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

EU No.	Brief Description
-003	An existing stationary compression ignition (CI) reciprocating internal combustion engine (RICE) that provides electrical power to the center office during emergency conditions. The engine is rated at 75 kW (100 horsepower). It was manufactured by Olympian and placed in service in 2004. Engine's model number is D-75P3. It is powered by diesel fuel.

{Permitting Note: The engine is exempt from the construction permit requirements of Rule 62-210.300(1), F.A.C., in accordance with the provisions of Rule 62-210.300(3)(a)35., F.A.C. (Stationary RICE).}

{Stationary CI RICE Engine Listing Note: The information on the engine was received on 07/28/11 from Eager Beaver Trailers, in response to a Department request for additional information.}

IMPORTANT REGULATORY CLASSIFICATIONS – This engine is regulated under NESHAP 40 CFR 63 Subpart ZZZZ (National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines), as amended in the 08/20/10 Federal Register, as existing stationary Reciprocating Internal Combustion Engines (RICE) at an area source of hazardous air pollutants (HAPs).

Operation Requirements

C.1. Operating Hours. There are no specific limitations on operating hours for this existing stationary engine.

{Permitting Note: In order to be considered an emergency RICE subject to the 40 CFR 63 Subpart ZZZZ requirements for emergency CI RICE, the engine must be operated in accordance with the requirements specified in 40 CFR 63.6640(f) (see Appendix NESHAP Subpart ZZZZ).}

Applicable Federal Requirements

C.2. Federal 40 CFR 63 NESHAP Subpart ZZZZ Requirements. The engine in this section is subject to the applicable requirements of NESHAP 40 CFR 63 Subpart ZZZZ (National Emissions Standards for Hazardous Air Pollutants (NESHAP) for Stationary Reciprocating Internal Combustion Engines (RICE)), which is attached to this permit as Appendix NESHAP Subpart ZZZZ, as it applies to existing RICE at area sources of hazardous air pollutants (HAP). The applicable requirements are shown in the Summary of NESHAP 40 CFR Part 63 Subpart ZZZZ Applicable Requirements for Existing Stationary Reciprocating Internal Combustion Engines (RICE) at Area Sources of HAP, attached to this permit, under the category Emergency CI ≤500 HP.
[Rule 62-4.070(3), F.A.C.; NESHAP 40 CFR 63 Subpart ZZZZ]

{Compliance Note: The final compliance date for the applicable Subpart ZZZZ requirements for the existing compression ignition (CI) RICE engine at this area source of HAP is 05/03/13. (40 CFR 63.6595(a)(1).}

C.3. Federal NESHAP 40 CFR 63 Subpart A General Provisions Requirements. The engine in this section is subject to the applicable requirements of NESHAP 40 CFR 63 Subpart A (General Provisions for 40 CFR 63), as adopted and incorporated by reference in Rule 62-204.800(11)(d), F.A.C., which is attached to this permit as Appendix NESHAP Subpart A. The applicable requirements of Subpart A are shown in Table 8 to 40 CFR 63 Subpart ZZZZ.
[Rule 62-204.800(11)(d), F.A.C.; NESHAP 40 CFR 63 Subpart ZZZZ]

Subsection D. Emissions Unit No. 004 – Existing Non-Emergency Stationary CI RICE Engine ≤ 300 HP

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

EU No.	Brief Description
-004	An existing non-emergency stationary compression ignition (CI) reciprocating internal combustion engine (RICE) that provides backup electrical power to the portable air compressor. The engine is rated at 51 horsepower. It was manufactured by Airman and placed in service prior to June 12, 2006. Engine's model number is PDS-1855. It is powered by diesel fuel.

{Permitting Note: The engine is exempt from the construction permit requirements of Rule 62-210.300(1), F.A.C., in accordance with the provisions of Rule 62-210.300(3)(b)1., F.A.C. (Generic Emissions Unit or Activity Exemption).}

{Stationary CI RICE Engine Listing Note: The information on the engine was received on 07/28/11 from Eager Beaver Trailers, in response to a Department request for additional information.}

IMPORTANT REGULATORY CLASSIFICATIONS – This engine is regulated under NESHAP 40 CFR 63 Subpart ZZZZ (National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines), as amended in the 08/20/10 Federal Register, as existing stationary Reciprocating Internal Combustion Engines (RICE) at an area source of hazardous air pollutants (HAPs).

Operation Requirements

D.1. Operating Hours. There are no specific limitations on operating hours for this existing stationary engine.

{Permitting Note: See also the previous Permitting Note below the description of this emissions unit. The maximum actual operating hours of this engine is inherently restricted by the limited purpose for which it is used.}

Applicable Federal Requirements

D.2. Federal 40 CFR 63 NESHAP Subpart ZZZZ Requirements. The engine in this section is subject to the applicable requirements of NESHAP 40 CFR 63 Subpart ZZZZ (National Emissions Standards for Hazardous Air Pollutants (NESHAP) for Stationary Reciprocating Internal Combustion Engines (RICE)), which is attached to this permit as Appendix NESHAP Subpart ZZZZ, as it applies to existing RICE at area sources of hazardous air pollutants (HAP). The applicable requirements are shown in the Summary of NESHAP 40 CFR Part 63 Subpart ZZZZ Applicable Requirements for Existing Stationary Reciprocating Internal Combustion Engines (RICE) at Area Sources of HAP, attached to this permit, under the category Non-Emergency CI ≤ 300 HP.
[Rule 62-4.070(3), F.A.C.; NESHAP 40 CFR 63 Subpart ZZZZ]

{Compliance Note: The final compliance date for the applicable Subpart ZZZZ requirements for the existing compression ignition (CI) RICE engines at this area source of HAP is 05/03/13. (40 CFR 63.6595(a)(1).}

D.3. Federal NESHAP 40 CFR 63 Subpart A General Provisions Requirements. The engine in this section is subject to the applicable requirements of NESHAP 40 CFR 63 Subpart A (General Provisions for 40 CFR 63), as adopted and incorporated by reference in Rule 62-204.800(11)(d), F.A.C., which is attached to this permit as Appendix NESHAP Subpart A. The applicable requirements of Subpart A are shown in Table 8 to 40 CFR 63 Subpart ZZZZ.
[Rule 62-204.800(11)(d), F.A.C.; NESHAP 40 CFR 63 Subpart ZZZZ]

Subsection E. Emissions Unit No. 005 – Two (2) New Stationary SI RICE Engines

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

EU No.	Brief Description
-005	1. A "new" stationary spark ignition (SI) reciprocating internal combustion engine (RICE) that provides backup electrical power to the front office. The engine is rated at 45 kW (60 horsepower). It was manufactured by Carrier and placed in service in 2008. Engine's model number is ASPEA-1CCL045. It is powered by liquid propane fuel. 2. A "new" stationary spark ignition (SI) reciprocating internal combustion engine (RICE) that provides backup electrical power to the 1X water pump. The engine is rated at 13.5 horsepower. It was manufactured by Robin/Subaru and placed in service in 2011. Engine's model number is EH41. It is powered by gasoline fuel.

{Permitting Note: The engines are exempt from the construction permit requirements of Rule 62-210.300(1), F.A.C., in accordance with the provisions of Rule 62-210.300(3)(b)1., F.A.C. (Generic Emissions Unit or Activity Exemption).}

{Stationary SI RICE Engine Listing Note: The information on the engines was received on 07/28/11 from Eager Beaver Trailers, in response to a Department request for additional information.}

{"New" Engine Note: These engines are considered "new" stationary reciprocating internal combustion engines (RICE) in accordance with the provisions of NSPS Subpart JJJJ, 40 CFR 60.4230(a), and NESHAP Subpart ZZZZ, 40 CFR 63.6590(a)(2), based on the date of construction.}

This facility contains two "new" stationary spark ignition RICE engines (shown above) that have been exempted from the requirements to obtain an air construction permit because they qualify for one of the generic emissions unit or activity exemptions listed in Rule 62-210.300(3)(b), F.A.C. (specifically, Rule 62-210.300(3)(b)1, F.A.C.) However, they are included in this permit as regulated emissions units because they are subject to federal rule NSPS 40 CFR 60 Subpart JJJJ – Standards of Performance for Stationary Spark Ignition Internal Combustion Engines, as adopted and incorporated by reference in Rule 62-204.800(8)(b), F.A.C.

E.1. Applicable Federal 40 CFR 60 NSPS Standard. The engines listed above are currently demonstrating compliance with the emission limitations of the applicable federal rule through the retention of a manufacturer's certification statement. So long as that certification is able to be retained, no additional compliance demonstration is required. At such time as that certification is no longer valid (i.e., due to operation or maintenance practices that are inconsistent with the manufacturer's recommendations, or modification or reconstruction of the engine), the permittee shall begin demonstrating compliance with the applicable standards listed in 40 CFR 60 Subpart JJJJ (incorporated into this permit in the attached appendices shown below) in a manner that is prescribed by that rule.
[Rule 62-204.800(8), F.A.C.; 40 CFR 60 Subparts A and JJJJ]

Subsection F. Emissions Unit No. 006 – Three (3) Existing Stationary SI RICE Engines

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

EU No.	Brief Description
-006	1. An existing stationary spark ignition (SI) reciprocating internal combustion engine (RICE) that provides backup electrical power to the portable welding machine. The engine is rated at 20 horsepower. It was manufactured by Miller/Bobcat and placed in service prior to June 12, 2006. Engine's model number is 250NT. It is powered by gasoline fuel. 2. An existing stationary spark ignition (SI) reciprocating internal combustion engine (RICE) that provides backup electrical power to the 3X water pump. The engine is rated at 11 horsepower. It was manufactured by Robin/Subaru and placed in service prior to June 12, 2006. Engine's model number is EH34. It is powered by gasoline fuel. 3. An existing stationary spark ignition (SI) reciprocating internal combustion engine (RICE) that provides backup electrical power to the power pack. The engine is rated at 16 horsepower. It was manufactured by Kohler and placed in service prior to June 12, 2006. It is powered by gasoline fuel.

{ Permitting Note: The engines are exempt from the construction permit requirements of Rule 62-210.300(1), F.A.C., in accordance with the provisions of Rule 62-210.300(3)(b)1., F.A.C. (Generic Emissions Unit or Activity Exemption).}

{Stationary CI RICE Engine Listing Note: The information on the engines was received on 07/28/11 from Eager Beaver Trailers, in response to a Department request for additional information.}

IMPORTANT REGULATORY CLASSIFICATIONS – The engines in this emission unit are regulated under NESHAP 40 CFR 63 Subpart ZZZZ (National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines), as amended in the 08/20/10 Federal Register, as existing stationary Reciprocating Internal Combustion Engines (RICE) at an area source of hazardous air pollutants (HAPs).

Operation Requirements

F.1. Operating Hours. There are no specific limitations on operating hours for these existing stationary engines.

{Permitting Note: See also the previous Permitting Note below the descriptions of this emissions unit. The maximum actual operating hours of these engines is inherently restricted by the limited purposes for which they are used.}

Applicable Federal Requirements

F.2. Federal 40 CFR 63 NESHAP Subpart ZZZZ Requirements. The engines in this section are subject to the applicable requirements of NESHAP 40 CFR 63 Subpart ZZZZ (National Emissions Standards for Hazardous Air Pollutants (NESHAP) for Stationary Reciprocating Internal Combustion Engines (RICE)), which is attached to this permit as Appendix NESHAP Subpart ZZZZ, as it applies to existing RICE at area sources of hazardous air pollutants (HAP). The applicable requirements are shown in the Summary of NESHAP 40 CFR Part 63 Subpart ZZZZ Applicable Requirements for Existing Stationary Reciprocating Internal Combustion Engines (RICE) at Area Sources of HAP, attached to this permit, under the applicable category (SI 4SLB, SI 2SLB, or SI 4SRB).
[Rule 62-4.070(3), F.A.C.; NESHAP 40 CFR 63 Subpart ZZZZ]

{Compliance Note: The final compliance date for the applicable Subpart ZZZZ requirements for the existing compression ignition (SI) RICE engines at this area source of HAP is 10/19/13. (40 CFR 63.6595(a)(1).}

F.3. Federal NESHAP 40 CFR 63 Subpart A General Provisions Requirements. The engines in this section are subject to the applicable requirements of NESHAP 40 CFR 63 Subpart A (General Provisions for 40 CFR 63), as adopted and incorporated by reference in Rules 62-204.800(11)(d), F.A.C., which is attached to this permit as Appendix NESHAP Subpart A. The applicable requirements of Subpart A are shown in Table 8 to 40 CFR 63 Subpart ZZZZ.
[Rule 62-208.800(11)(d), F.A.C.; NESHAP 40 CFR 63 Subpart ZZZZ]

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 Subpart A, General Provisions

Appendix NESHAP Subpart MMMM, National Emission Standards for Hazardous Air Pollutants for Surface Coating of Miscellaneous Metal Parts and Products

Appendix NESHAP Subpart ZZZZ, National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

Appendix NSPS Subpart A, General Provisions

Appendix NSPS Subpart JJJJ, Standards of Performance for Stationary Spark Ignition Internal Combustion Engines

Appendix RR, Facility-wide Reporting Requirements

Appendix TR, Facility-wide Testing Requirements

Appendix TV, Title V General Conditions

Summary of NESHAP 40 CFR Part 63 Subpart ZZZZ Applicable Requirements for Existing Stationary Reciprocating Internal Combustion Engines (RICE) at Area Sources of HAP