GENPAK, LLC
Genpak Sebring Facility

Facility ID No. 0550006
Highlands County

Draft/Proposed Title V Air Operation Permit Renewal

Permit No. 0550006-011-AV
(Renewal of Title V Air Operation Permit No. 0550006-007-AV)

Permitting Authority:

State of Florida
Department of Environmental Protection
South District

2295 Victoria Avenue, Suite 364
Fort Myers, Florida 33902-2549

Telephone: (239) 344-5600
Fax: (850) 412-0590
Email: SouthDistrict@dep.state.fl.us

Compliance Authority:

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2295 Victoria Avenue, Suite 364
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FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
SOUTH DISTRICT
P.O. BOX 2549
FORT MYERS, FL 33902-2549
SouthDistrict@dep.state.fl.us

RICK SCOTT
GOVERNOR

CARLOS LOPEZ-CANTERA
LT. GOVERNOR

JONATHAN P. STEVERSON
SECRETARY

DRAFT PROPOSED PERMIT

PERMITTEE:
GENPAK, LLC
7300 Intermodal drive
Louisville, Kentucky 40258

Permit No. 0550006-011-AV
Genpak Sebring Facility
Facility ID No. 0550006
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 Genpak Sebring facility is located in Highlands County at 116 Shicane Drive, Sebring, Florida. UTM Coordinates are: Zone 17, 464.79 East and 3036.83 North. Latitude is: 27° 27' 36" North; and, Longitude is: 81° 21' 36" 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: *(Draft/Proposed)*
Renewal Application Due Date:
(Draft/Proposed)
Expiration Date: *(Draft/Proposed)* + 5 years

(Draft/Proposed)

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Jon M. Iglehart
Director of
District Management

JMI/CBE/se

SECTION I. FACILITY INFORMATION.

Subsection A. Facility Description.

This facility produces expanded polystyrene foam products (food trays, hinged containers, plates and bowls) using a tandem system of extruding expanded polystyrene foam sheets. Virgin, recycled polystyrene pellets, nucleant (talc) and a blowing agent (butane) are extruded to produce foam sheets, which are thermoformed and cut to produce the final product. The production of the polystyrene foam products at the facility occurs through four distinct processes: extrusion, roll storage, thermoforming, and reclaimed extrusion.

Subsection B. Summary of Emissions Units.

EU No.	Brief Description
Regulated Emissions Units	
003	(Removed from service)
025	Extruder No. 1 (Make Sencorp, Model 45IN45CT/150MM60TPH, process rate 1,400 lbs/hr)
013	Extruder No. 2 (Make David Standard, process rate 1,300 lbs/hr)
004	Extruder No. 3 (Make NRM, Model Pace Maker 70, process rate 1,000 lbs/hr)
001	Extruder No. 4 (Make Berstorff, Model Schaumtandex 120-150, process rate 1,100 lbs/hr)
015	Roll Storage
016	Thermoformer No. 1
017	Thermoformer No. 2
018	Thermoformer No. 3
019	Thermoformer No. 4
020	Thermoformer No. 5
021	Thermoformer No. 6
022	Thermoformer No. 7
023	Extrusion Scrap
024	Thermoforming Scrap
026	Emergency Spark Ignition (SI) Reciprocating Internal Combustion Engine (RICE)

Subsection C. Applicable Regulations.

Based on the Title V air operation revision application received January 16, 2015, this facility is not a major source of hazardous air pollutants (HAP). The existing facility is a 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 No(s).
62-296.320, F.A.C.	001,003, 004, 013, 015 thru 024
62-210.300, F.A.C.	001,003, 004, 013, 015 thru 024
62-213.205, F.A.C.	001,003, 004, 013, 015 thru 024
62-4, F.A.C.	001,003, 004, 013, 015 thru 024
62-210.370, F.A.C	001,003, 004, 013, 015 thru 024
62-213.420, F.A.C.	001,003, 004, 013, 015 thru 024

62-213.430, F.A.C	001,003, 004, 013, 015 thru 024
62-213.440, F.A.C.	001,003, 004, 013, 015 thru 024
40 CFR 60 Subpart A	026
40 CFR 60 Subpart JJJJ	026
40 CFR 63 Subpart A	026
40 CFR 63 Subpart ZZZZ	026

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 that 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. "Nothing is deemed necessary and ordered at this time." [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 percent 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. Removal of particulate matter from roads and other paved areas under the control of the permittee and from buildings or work areas to prevent particulate matter from becoming airborne.
b. Landscaping or planting of vegetation.
c. Use of hoods, fan filters, and similar equipment to contain, capture and/or vent particulate matter.
d. Confining abrasive blasting and sanding where possible.
e. Curtailing operations if winds are entraining particulate matter.

[Rule 62-296.320(4)(c), F.A.C.; and, proposed by applicant in Title V air operation permit application received February 15, 2013]

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).

a. As required by Section 112(r)(7)(B)(iii) of the CAA and 40 CFR 68, the owner or operator shall submit an updated Risk Management Plan (RMP) to the Chemical Emergency Preparedness and Prevention Office (CEPPO) RMP Reporting Center. (See paragraph e., below.)

b. As required under Section 252.941(1)(c), F.S., the owner or operator shall report to the appropriate representative of the Division of Emergency Management, as established by department rule, within one working day of discovery of an accidental release of a regulated substance from the stationary source, if the owner or operator is required to report the release to the United States Environmental Protection Agency under Section 112(r)(6) of the CAA.

c. The owner or operator shall submit the required annual registration fee to the Division of Emergency Management on or before April 1, in accordance with Part IV, Chapter 252, F.S., and Rule 9G-21, F.A.C.

d. Any required written reports, notifications, certifications, and data required to be sent to the Division of Emergency Management, should be sent to: Division of Emergency Management, 2555 Shumard Oak Boulevard, Tallahassee, FL 32399-2100, Telephone: (850) 413-9970, Fax: (850) 488-1739.

e. 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.

f. Any required reports to be sent to the National Response Center, should be sent to: National Response Center, EPA Office of Solid Waste and Emergency Response, USEPA (5305 W), 401 M Street SW, Washington, D.C. 20460, Telephone: (800) 424-8802.

g. Send the required annual registration fee using approved forms made payable to: Cashier, Division of Emergency Management, State Emergency Response Commission, 2555 Shumard Oak Boulevard, Tallahassee, FL 32399-2149

[Part IV, Chapter 252, F.S.; and, Rule 9G-21, F.A.C.]

Subsection A. Extruders, Roll Storage, Thermoformers, Scrap

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

EU No.	Brief Description
003	(Removed from service)
025	Extruder No. 1 (Make Sencorp, Model 45IN45CT/150MM60TPH, process rate 1,400 lbs/hr)
013	Extruder No. 2 (Make David Standard, process rate 1,300 lbs/hr)
004	Extruder No. 3 (Make NRM, Model Pace Maker 70, process rate 1,000 lbs/hr)
001	Extruder No. 4 (Make Berstorff, Model Schaumtandex 120-150, process rate 1,100 lbs/hr)
015	Roll Storage
016	Thermoformer No. 1
017	Thermoformer No. 2
018	Thermoformer No. 3
019	Thermoformer No. 4
020	Thermoformer No. 5
021	Thermoformer No. 6
022	Thermoformer No. 7
023	Extrusion Scrap
024	Thermoforming Scrap

The facility consists of four main processing areas: extrusion, roll stock storage, thermoforming and grinding and repelletizing. The extrusion process, a continuous foam extrusion process, consists of four extruders: Extruder No. 1 (EU025), Extruder No. 2 (EU013), Extruder No. 3 (EU004) and Extruder No. 4 (EU001). Virgin polystyrene and recycled polystyrene pellets are air conveyed to an electric screw extruder. Talc is added as a nucleant. Once in the extruder screw the raw materials proceed through a melting zone. While at a melt temperature of approximately 440°F and under a pressure of 2,400 to 4,200 psi approximately 4.5 percent by weight of butane is injected as a blowing agent. The homogeneous melt is delivered to a second extruder where the pressure continues to remain relatively stable and the melt is cooled down to 270°F. The gel exits the extruder and is stretched over a cooling drum and drawn down to the desired gauge. Two percent of the butane is emitted to the atmosphere during the extrusion process.

The extruded polystyrene foam sheets are wound into large rolls. Polystyrene foam extruded material that is either not good product or is trimmed from the extruded sheets prior to roll storage is extrusion scrap (EU023). The extrusion scrap is ground into small pieces by one of three grinders. Grinding emits into the atmosphere the remaining butane (98%) in the polystyrene foam extrusion scrap.

Following the extrusion process the rolled sheets are sent to roll storage, EU015. The polystyrene roll sheets are aged for 3 to 7 days to allow atmospheric air to equalize the pressure in the cell cavities. Butane emissions occur from the trim edge of the polystyrene foam rolls while in storage. While the polystyrene foam rolls are in roll stock four percent of the remaining butane in the polystyrene foam material is emitted into the atmosphere.

After aging in roll stock storage, the polystyrene foam rolled sheets are thermoformed. Each thermoformer (EU016 through EU022) heats the polystyrene foam rolls to approximately 300°F and then presses the sheet into the desired shape for trays or containers. Two percent of the remaining butane in the rolled sheet is emitted to the atmosphere during the thermoforming process. Material that is thermoformed and is either not good product or is cut product

scraps is thermoforming scrap. Like the extrusion scrap, thermoforming scrap is ground by one of three grinders. Grinding of the thermoformed product emits 92 percent of the product's remaining butane content. The ground material is then air conveyed to the fluff silos equipped with one central cartridge filter and then eventually conveyed to one of two repelletizers.

Essential Potential to Emit (PTE) Parameters

A.1. Permitted Capacity.

a. *Extruders*. The maximum allowable permitted capacity for all four (4) extruders combined shall not exceed 16,162 TPY based on a consecutive twelve-month rolling total.
b. *Thermoformers*. The maximum allowable permitted capacity for all seven (7) thermoformers combined shall not exceed 16,162 TPY based on a consecutive twelve-month rolling total.

[Rules 62-4.160(2), 62-204.800, 62-210.200(PTE) F.A.C. and Permit No. 0550006-009-AC]

*{**Permitting Note**: A limit on production (3690 lbs/hr and 16,162 TPY) has been taken by the applicant in order to not exceed 289 TPY VOC emissions facility-wide. The potential to emit is based on the 3,690 lb/hr production, the emissions factors stated in Specific Condition A.5., and a maximum of 5 percent extrusion scrap of the total material extruded and a maximum of 35 percent of material thermoformed that is determined to be thermoforming scrap.}*

A.2. Hours of Operation. The hours of operation are unlimited.

[Rule 62-210.200(PTE), F.A.C., Permit No. 0550006-009-AC]

Emission Limitations and Standards

A.3. Volatile Organic Compounds (VOC) Emissions. VOC emissions for all emissions units combined shall not exceed 289 TPY based on a consecutive twelve month rolling average. [Permit No. 0550006-009-AC]

A.4. VOC Emission Factors (EF). The following emission factors shall be used to determine VOC emissions:

a. *Total Material Extruded*. The EF for total material extruded (EF_{EXT}) shall be 2 percent. [Permit No. 0550006-009-AC]
b. *Roll Stock*. The EF for roll stock (EF_{RS}) shall be 4 percent.
c. *Thermoforming*. The EF for thermoforming (EF_{THM}) shall be 2 percent.
d. *Extrusion Scrap*: The EF for extrusion scrap (EF_{EXTS}) shall be 98 percent.
e. *Thermoforming Scrap:* The EF for thermoforming scrap (EF_{THMS}) shall be 92 percent.

[Permit No. 0550006-009-AC]

*{**Permitting Note**: Butane is assumed to be 100% VOC.}*

Excess Emissions

A.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. [Rules 62-210.700(5), F.A.C.; Permit No. 0550006-009-AV]

Test Methods and Procedures

A.6. VOC Emissions. Monthly VOC emissions shall be determined by the 15th of each month for the previous month. The following equation along with daily and monthly recordkeeping shall be used to determine the monthly VOC emissions from all emissions units. The resulting monthly VOC emissions shall be used for determining the twelve-month consecutive rolling average. Compliance shall be demonstrated by the consecutive twelve month rolling average using the equation below to determine each month's VOC emissions for the facility.

$$VOC\ Emissions_{TPM} = [(TM_{EXT} * EF_{EXT}) + (RS * EF_{RS}) + (THM * EF_{THM}) + (ExtS * EF_{EXTS}) + (THM_{SCRAP} * EF_{THMS})] \times \%But_{usage}$$

Where:

TPM is tons per month.

$\mathbf{TM_{EXT}}$ is the total tons per month of *total* polystyrene foam sheets extruded (including all scrap material) from all four extruders. $\mathbf{TM_{EXT}}$ is the monthly sum of each individual extruder's actual daily production rates (in tons per hour) multiplied by the respective extruder's actual daily hours of operation.

RS is the total tons per month of polystyrene foam sheets extruded less actual extrusion scrap and trim.

THM is the total tons per month of polystyrene foam sheets thermoformed by all seven thermoformers. THM is the monthly sum of each individual thermoformer's actual daily production rates (in tons per hour) multiplied by the respective thermoformer's actual daily hours of operation.

ExtS is the total tons per month of extrusion scrap from all four extruders. This is scrap from the extrusion process plus the amount of material that is trimmed from the extruder product before rolling for roll stock storage.

$\mathbf{THM_{SCRAP}}$ is total tons per month of thermoforming scrap from all seven thermoformers. This is the polystyrene foam trimmed or cut from the roll stock product before thermoforming and the polystyrene foam trimmed or cut after thermoforming.

$\mathbf{EF_{EXT}}$ is VOC emission factor for extrusion.

$\mathbf{EF_{RS}}$ is VOC emission factor for roll stock.

$\mathbf{EF_{THM}}$ is VOC emission factor for thermoforming.

$\mathbf{EF_{EXTS}}$ is VOC emission factor for extrusion scrap.

$\mathbf{EF_{THMS}}$ is VOC emission factor for thermoforming scrap.

$\mathbf{\%But_{usage}}$ is the actual monthly percentage of butane usage. $\mathbf{\%But_{usage}}$ is determined by dividing total butane used for the month (in tons) by the $\mathbf{TM_{EXT}}$.

[Permit No. 0550006-009-AC]

<u>Recordkeeping and Reporting Requirements</u>

A.7. <u>Other Reporting Requirements</u>. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

A.8. <u>Specific Reporting Requirement</u>. The facility shall maintain the following records on a daily and monthly basis and retained for a period of five years:

a. Total tons of material extruded;
b. Tons of material extruded for each extruder;
c. Each extruder's and each thermoformer's hours of operation;
d. Tons of butane used (actual);
e. Tons of extrusion scrap [extruded product determined to be scrap and trimmed from extruded sheets (after extrusion and before roll stock)];
f. Tons of extruded material roll stocked;
g. Each thermoformer's tons of material thermoformed; and
h. Tons of thermoform scrap.

[Permit No. 0550006-009-AC]

A.9. <u>Annual Operating Report (AOR)</u>. The AOR shall be submitted as required in Appendix RR, Specific Condition RR5. The AOR shall report emissions for the calendar year (January 1 to December 31). The AOR shall report actual calendar year emissions that are determined from actual production numbers and actual operating hours. Actual annual emissions shall be reported for each emissions unit based on each respective emission unit's production and actual hours of operation for the calendar year. [Permit No. 0550006-009-AC]

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

ID No.	Emission Unit Description
026	Emergency Spark Ignition (SI) Reciprocating Internal Combustion Engine (RICE)

Emissions Unit 026 is an emergency generator/engine set used for emergency lighting and ventilation. The engine is a lean burn four-stroke spark ignition. The engine burns natural gas. The engine has never been reconstructed or modified by the owner or operator. However, the engine was originally a liquid propane gas (LPG) burn engine and converted to burn natural gas by the manufacturer prior to sale.

The following table provides important details for the engine:

Engine Identification	Engine Brake HP	Date of Purchase	Model Year	Displacement (liters)	Engine Manufacturer	Model No.
Generac Generator	163	6/18/2010	2009	4.6	Generac	Generator - QTO8046 Engine – 9GNX50462NC

{Permitting Notes: This spark ignition reciprocating internal combustion engines (SI RICE) is regulated under 40 CFR 63, Subpart ZZZZ, NESHAP for Stationary RICE and 40 CFR 60, Subpart JJJJ NSPS for Stationary Spark Ignition RICE, adopted in Rules 62.204.800(11)(b) & (8)(b), F.A.C., respectively. In accordance with provisions of 40 CFR 63.6590(c)(6), meeting the requirements of 40 CFR 60, Subpart JJJJ, satisfies compliance with the requirements of Subpart ZZZZ.}

Essential Potential to Emit (PTE) Parameters

B.1. Hours of Operation.

a. *Emergency Situations*. There is no time limit on the use of emergency stationary RICE in emergency situations. [40 CFR 60.4243(d)(1)]

b. *Other Situations*. You may operate your emergency stationary RICE for any combination of the purposes specified in Specific Conditions **B.1.b. 1-3** for a maximum of 100 hours per calendar year. Any operation for non-emergency situations as allowed by Specific Conditions **B.1.b. 1-3** counts as part of the 100 hours per calendar year**.**

1. Maintenance and Testing. Each RICE is authorized to operate 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, regional transmission organization or equivalent balancing authority and transmission operator, or the insurance company associated with the engine. Maintenance checks and readiness testing of such units is limited to 100 hours per year. 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 year. [40 CFR 60.4243(d)(2)(i)]
2. Emergency Demand Response. Each 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 40 CFR 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. [40 CFR 60.4243(d)(2)(ii)]
3. Voltage or Frequency Deviations. 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. [40 CFR 63. 60.4243(d)(2)(iii)]

c. *Non-emergency Situations*. These RICE may be operated for up to 50 hours per calendar year in nonemergency 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 paragraph b., above. 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. [40 CFR 60.4243(d)(3)]

1. The 50 hours per year for non-emergency situations can be used to supply power as part of a financial arrangement with another entity if all of the following conditions are met:
   (i) The engine is dispatched by the local balancing authority or local transmission and distribution system operator;
   (ii) The dispatch is intended to mitigate local transmission and/or distribution limitations so as to avert potential voltage collapse or line overloads that could lead to the interruption of power supply in a local area or region.
   (iii) The dispatch follows reliability, emergency operation or similar protocols that follow specific NERC, regional, state, public utility commission or local standards or guidelines.
   (iv) The power is provided only to the facility itself or to support the local transmission and distribution system.
   (v) The owner or operator identifies and records the entity that dispatches the engine and the specific NERC, regional, state, public utility commission or local standards or guidelines that are being followed for dispatching the engine. The local balancing authority or local transmission and distribution system operator may keep these records on behalf of the engine owner or operator.

   [40 CFR 60.4243(d)(3)(i)]

B.2. Air to Fuel Ratio Controllers**.** It is expected that air-to-fuel ratio controllers will be used with the operation of three-way catalysts/non-selective catalytic reduction. The AFR controller must be maintained and operated appropriately in order to ensure proper operation of the engine and control device to minimize emissions at all times. [40 CFR 60.4243(g)]

Emissions Standards

B.3. Emission Limits. The permittee must comply with the following emission standards. If the manufacturer's engine certification should become void, then the permittee will have to test the engine to demonstrate compliance with these standards:

a. *Nitrogen Oxides (NO_X)*. NO_X emissions shall not exceed 2.0 g/HP-hr or 160 ppmvd at 15% O_2.
b. *Carbon Monoxide (CO)*. CO emissions shall not exceed 4.0 g/HP-hr or 540 ppmvd at 15% O_2.
c. *Volatile Organic Compounds (VOC)*. VOC emissions shall not exceed 1.0 g/HP-hr or 86 ppmvd at 15% O_2.

[40 CFR 60.4233(e), Table 1]

B.4. Continuous Compliance. Owners and operators must operate and maintain stationary SI ICE that achieve the emission standards specified in Specific Condition **B.3**. over the entire life of the engine. [40 CFR 60.4234]

Testing and Compliance Requirements

B.5. Engine Certification Requirements. The owner and operator must demonstrate compliance according to Specific Condition **B.5.** or **B.6**:

a. *Maintain Engine Certification*. Follow manufacturer's instructions to maintain certification.
b. *Operate According to Manufacturer*. If you operate and maintain the certified stationary SI internal combustion engine and control device according to the manufacturer's emission-related written instructions, you must keep records of conducted maintenance to demonstrate compliance, but no

performance testing is required if you are an owner or operator. You must also meet the requirements as specified in 40 CFR part 1068, subparts A through D, as they apply to you. If you adjust engine settings according to and consistent with the manufacturer's instructions, your stationary SI internal combustion engine will not be considered out of compliance. [40 CFR 60.4243(a)(1)]

B.6. Compliance Requirements Due to Loss of Certification. If you do not operate and maintain the certified stationary SI internal combustion engine and control device according to the manufacturer's emission-related written instructions, your engine will be considered a non-certified engine, and you must demonstrate compliance by.

a. *Maintenance Records*. Keeping a maintenance plan and records of conducted maintenance and must, to the extent practicable, maintain and
b. *Operation*. Operating the engine in a manner consistent with good air pollution control practice for minimizing emissions.
c. *Required Testing*. Conducting a performance test within 1 year of losing certification to demonstrate compliance. Owners and operators must follow the procedures in 40 CFR 60.4244 in Subpart JJJJ for conducting the performance tests**.** You are not required to conduct subsequent performance testing unless the stationary engine is rebuilt or undergoes major repair or maintenance.
[40 CFR 60.4243(a), 40 CFR 60.4243(f), 40 CFR 60.4243(a)(2)]

B.7. 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.]

Records and Reports

B.8. Hours of Operation Records. The owner or operator must keep records of the operation of the engine in emergency and non-emergency service. The owner or operator must record the time of operation of the engine and the reason the engine was in operation during that time. [Rule 62-213.440(1), F.A.C.]

B.9. Maintenance Records. To demonstrate conformance with the manufacturer's written instructions for maintaining the certified engine, the owner or operator must keep the following records:

a. Engine manufacturer data indicating compliance with the standards.
b. A copy of the manufacturer's written instructions for operation and maintenance of the certified engine.
c. A written maintenance log detailing the date and type of maintenance performed on the engine, as well as any deviations from the manufacturer's written instructions.

[Rule 62-213.440(1), F.A.C.]

B.10. Testing Notification. At such time that the requirements of Specific Condition **B.6.** become applicable, the owner or operator shall notify the compliance authority of the date by which the initial performance test must be performed. [Rule 62-213.440(1), F.A.C.]

B.11. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements. [Rule 62-213.440(1)(b), F.A.C.]

B.12. Recordkeeping Requirements. The owner and operator must keep records of the following information .

a. *Notifications*. All notifications submitted to comply with this subpart and all documentation supporting any notification.
b. *Maintenance*. Maintenance conducted on the engine.
c. *Manufacturer Certification Documentation*. 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.
d. *Other*. If the emissions unit is a certified engine operating in a non-certified manner and subject to 40 CFR 60.4243(a)(2), documentation that the engine meets the emission standards.

[40 CFR 60.4245]

B.13. Performance Tests. Owners and operators of stationary SI ICE that are subject to performance testing must submit a copy of each performance test within 60 days after the test has been completed. [40 CFR 60.6245(d)]

B.14. Annual Reports. If the emissions unit operates or is contractually obligated to be available for more than 15 hours per calendar year for the purposes specified in Specific Condition **B.1.b. 2 and 3.** or that operates for the purposes specified in Specific Condition **B.1.c. 1**. you must submit an annual report according to the following requirements:

a. *Required Report Information*. The report must contain the following information:
   1. Company name and address where the engine is located.
   2. Date of the report and beginning and ending dates of the reporting period.
   3. Engine site rating and model year.
   4. Latitude and longitude of the engine in decimal degrees reported to the fifth decimal place.
   5. Hours operated for the purposes specified in Specific Condition **B.1.b. 2. and 3.**, including the date, start time, and end time for engine operation for the purposes specified in Specific Condition **B.1.b. 2. and 3.**.
   6. Number of hours the engine is contractually obligated to be available for the purposes specified in Specific Condition **B.1.b. 2. and 3.**.
   7. Hours spent for operation for the purposes specified in Specific Condition **B.1.c. 1**., including the date, start time, and end time for engine operation for the purposes specified in Specific Condition **B.1.c. 1**. The report must also identify the entity that dispatched the engine and the situation that necessitated the dispatch of the engine.

b. *Report Due Dates*. The first annual report must cover the calendar year 2015 and must be submitted no later than March 31, 2016. Subsequent annual reports for each calendar year must be submitted no later than March 31 of the following calendar year.

c. *Submittal Procedures*. The annual report must be submitted electronically using the subpart specific reporting form in the Compliance and Emissions Data Reporting Interface (CEDRI) that is accessed through EPA's Central Data Exchange (CDX) (*www.epa.gov/cdx*). However, if the reporting form specific to this subpart is not available in CEDRI at the time that the report is due, the written report must be submitted to the Administrator at the appropriate address listed in 40 CFR 60.4. [40 CFR 60.4245(e)]

General Provisions

B.15. 40 CFR 60 Subpart A, General Provisions. The owner or operator shall comply with the applicable requirements of 40 CFR 60 Subpart A, General Provisions, as specified below. Link to 40 CFR 60, Subpart A - General Provisions.

General Provisions Citation	Subject of Citation
§ 60.1	General applicability of the General Provisions
§ 60.2	Definitions (see also § 60.4219)
§ 60.3	Units and abbreviations
§ 60.4	Address
§ 60.5	Determination of construction or modification
§ 60.6	Review of plans
§ 60.9	Availability of information
§ 60.10	State Authority
§ 60.12	Circumvention
§ 60.14	Modification
§ 60.15	Reconstruction
§ 60.16	Priority list
§ 60.17	Incorporations by reference
§ 60.19	General notification and reporting requirements

[40 CFR 60.4246]

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 RR: Facility-wide Reporting Requirements

Appendix TV: Title V General Condition