



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

STATE ONLY SYNTHETIC MINOR OPERATING PERMIT

Issue Date: April 21, 2022

Effective Date: April 21, 2022

Expiration Date: April 20, 2027

In accordance with the provisions of the Air Pollution Control Act, the Act of January 8, 1960, P.L. 2119, as amended, and 25 Pa. Code Chapter 127, the Owner, [and Operator if noted] (hereinafter referred to as permittee) identified below is authorized by the Department of Environmental Protection (Department) to operate the air emission source(s) more fully described in this permit. This Facility is subject to all terms and conditions specified in this permit. Nothing in this permit relieves the permittee from its obligations to comply with all applicable Federal, State and Local laws and regulations.

The regulatory or statutory authority for each permit condition is set forth in brackets. All terms and conditions in this permit are federally enforceable unless otherwise designated.

State Only Permit No: 15-00115

Synthetic Minor

Federal Tax Id - Plant Code: 23-2414041-2

Owner Information

Name: QVC INC
Mailing Address: 1200 WILSON DR
MC 169
WEST CHESTER, PA 19380-4262

Plant Information

Plant: QVC INC/WILSON DR SITE
Location: 15 Chester County 15963 West Goshen Township
SIC Code: 5961 Retail Trade - Catalog And Mail Order Houses

Responsible Official

Name: JOSEPH MICUCCI
Title: VP CREWS
Phone: (484) 701 - 1492 Email: Joseph.Micucci@qvc.com

Permit Contact Person

Name: KENNETH R YANCEY
Title: EHS MANAGER
Phone: (484) 701 - 3934 Email: kenneth.yancey@qvc.com

[Signature] _____
JAMES D. REBARCHAK, SOUTHEAST REGION AIR PROGRAM MANAGER



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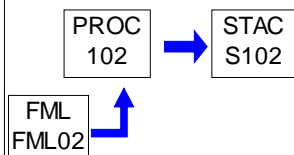
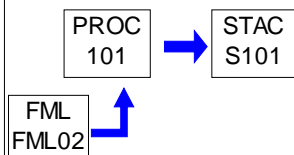
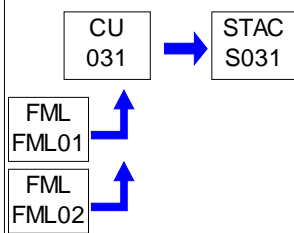
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Source ID	Source Name	Capacity/Throughput	Fuel/Material
031	TWO (2) 12.55 MMBTU/HR BOILERS	12.600 MMBTU/HR	
		89.600 Gal/HR	#2 Oil
		12.300 MCF/HR	Natural Gas
101	TWO (2) EMERGENCY ENGINES (2MW EACH)	322.000 Gal/HR	Diesel Fuel
101A	THREE (3) EXISTING EMERGENCY ENGINES (>500HP EACH)		
102	LIFE SUPPORT EMERGENCY ENGINE	14.900 Gal/HR	Diesel Fuel
102A	TWO (2) EXISTING EMERGENCY ENGINES (<300HP EACH)		
104	WAREHOUSE FIRE PUMP	6.614 Gal/HR	DIESEL FUEL
105	2 MW EMERGENCY ENGINE	137.400 Gal/HR	#2 Oil
106	2 MW EMERGENCY ENGINE	20.500 MMBTU/HR	
		147.300 Gal/HR	Diesel Fuel
FML01	NATURAL GAS		
FML02	NO. 2 FUEL OIL		
FML03	DIESEL FUEL		
S031	12.55 MMBTU/HR BOILER STACKS (2 TOTAL)		
S101	2000 KW GENERATOR STACKS (2 TOTAL)		
S102	LIFE SUPPORT EMER GEN STACK		
S104	WAREHOUSE FIRE PUMP STACK		
S105	2-MW DETROIT DIESEL GENERATOR STACK		
S106	GEN. STACK (16V-4000 G43)		

PERMIT MAPS



PERMIT MAPS



**SECTION B. General State Only Requirements****#001 [25 Pa. Code § 121.1]****Definitions.**

Words and terms that are not otherwise defined in this permit shall have the meanings set forth in Section 3 of the Air Pollution Control Act (35 P.S. § 4003) and in 25 Pa. Code § 121.1.

#002 [25 Pa. Code § 127.446]**Operating Permit Duration.**

- (a) This operating permit is issued for a fixed term of five (5) years and shall expire on the date specified on Page 1 of this permit.
- (b) The terms and conditions of the expired permit shall automatically continue pending issuance of a new operating permit, provided the permittee has submitted a timely and complete application and paid applicable fees required under 25 Pa. Code Chapter 127, Subchapter I and the Department is unable, through no fault of the permittee, to issue or deny a new permit before the expiration of the previous permit.

#003 [25 Pa. Code §§ 127.412, 127.413, 127.414, 127.446 & 127.703(b)]**Permit Renewal.**

- (a) The permittee shall submit a timely and complete application for renewal of the operating permit to the appropriate Regional Air Program Manager. The application for renewal of the operating permit shall be submitted at least six (6) months and not more than 18 months before the expiration date of this permit.
- (b) The application for permit renewal shall include the current permit number, a description of any permit revisions that occurred during the permit term, and any applicable requirements that were promulgated and not incorporated into the permit during the permit term. An application is complete if it contains sufficient information to begin processing the application, has the applicable sections completed and has been signed by a responsible official.
- (c) The permittee shall submit with the renewal application a fee for the processing of the application as specified in 25 Pa. Code § 127.703(b). The fees shall be made payable to "The Commonwealth of Pennsylvania Clean Air Fund" and submitted with the fee form to the respective regional office.
- (d) The renewal application shall also include submission of proof that the local municipality and county, in which the facility is located, have been notified in accordance with 25 Pa. Code § 127.413.
- (e) The application for renewal of the operating permit shall also include submission of supplemental compliance review forms in accordance with the requirements of 25 Pa. Code § 127.412(b) and § 127.412(j).
- (f) The permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information as necessary to address any requirements that become applicable to the source after the permittee submits a complete application, but prior to the date the Department takes action on the permit application.

#004 [25 Pa. Code § 127.703]**Operating Permit Fees under Subchapter I.**

- (a) The permittee shall pay the annual operating permit maintenance fee according to the following fee schedule in either paragraph (1) or (2) in accordance with 25 Pa. Code § 127.703(d) on or before December 31 of each year for the next calendar year.
- (1) For a synthetic minor facility, a fee equal to:
- (i) Four thousand dollars (\$4,000) for calendar years 2021—2025.
 - (ii) Five thousand dollars (\$5,000) for calendar years 2026—2030.
 - (iii) Six thousand three hundred dollars (\$6,300) for the calendar years beginning with 2031.

**SECTION B. General State Only Requirements**

(2) For a facility that is not a synthetic minor, a fee equal to:

- (i) Two thousand dollars (\$2,000) for calendar years 2021—2025.
- (ii) Two thousand five hundred dollars (\$2,500) for calendar years 2026—2030.
- (iii) Three thousand one hundred dollars (\$3,100) for the calendar years beginning with 2031.

(b) The applicable fees shall be made payable to "The Commonwealth of Pennsylvania Clean Air Fund" with the permit number clearly indicated and submitted to the respective regional office.

#005 [25 Pa. Code §§ 127.450 (a)(4) and 127.464]**Transfer of Operating Permits.**

(a) This operating permit may not be transferred to another person, except in cases of transfer-of-ownership that are documented and approved by the Department.

(b) In accordance with 25 Pa. Code § 127.450(a)(4), a change in ownership of the source shall be treated as an administrative amendment if the Department determines that no other change in the permit is required and a written agreement has been submitted to the Department identifying the specific date of the transfer of permit responsibility, coverage and liability between the current and the new permittee and a compliance review form has been submitted to, and the permit transfer has been approved by, the Department.

(c) This operating permit is valid only for those specific sources and the specific source locations described in this permit.

#006 [25 Pa. Code § 127.441 and 35 P.S. § 4008]**Inspection and Entry.**

(a) Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the Department or authorized representatives of the Department to perform the following:

(1) Enter at reasonable times upon the permittee's premises where a source is located or emissions related activity is conducted, or where records are kept under the conditions of this permit;

(2) Have access to and copy, at reasonable times, any records that are kept under the conditions of this permit;

(3) Inspect at reasonable times, any facilities, equipment including monitoring and air pollution control equipment, practices, or operations regulated or required under this permit;

(4) Sample or monitor, at reasonable times, any substances or parameters, for the purpose of assuring compliance with the permit or applicable requirements as authorized by the Clean Air Act, the Air Pollution Control Act, or the regulations promulgated under the Acts.

(b) Pursuant to 35 P.S. § 4008, no person shall hinder, obstruct, prevent or interfere with the Department or its personnel in the performance of any duty authorized under the Air Pollution Control Act or regulations adopted thereunder including denying the Department access to a source at this facility. Refusal of entry or access may constitute grounds for permit revocation and assessment of criminal and/or civil penalties.

(c) Nothing in this permit condition shall limit the ability of the EPA to inspect or enter the premises of the permittee in accordance with Section 114 or other applicable provisions of the Clean Air Act.

#007 [25 Pa. Code §§ 127.441 & 127.444]**Compliance Requirements.**

(a) The permittee shall comply with the conditions of this operating permit. Noncompliance with this permit constitutes a violation of the Clean Air Act and the Air Pollution Control Act and is grounds for one or more of the following:

**SECTION B. General State Only Requirements**

- (1) Enforcement action
- (2) Permit termination, revocation and reissuance or modification
- (3) Denial of a permit renewal application

(b) A person may not cause or permit the operation of a source which is subject to 25 Pa. Code Article III unless the source(s) and air cleaning devices identified in the application for the plan approval and operating permit and the plan approval issued for the source is operated and maintained in accordance with specifications in the applications and the conditions in the plan approval and operating permit issued by the Department. A person may not cause or permit the operation of an air contamination source subject to 25 Pa. Code Chapter 127 in a manner inconsistent with good operating practices.

(c) For purposes of Sub-condition (b) of this permit condition, the specifications in applications for plan approvals and operating permits are the physical configurations and engineering design details which the Department determines are essential for the permittee's compliance with the applicable requirements in this State-Only permit. Nothing in this sub-condition shall be construed to create an independent affirmative duty upon the permittee to obtain a predetermination from the Department for physical configuration or engineering design detail changes made by the permittee.

#008 [25 Pa. Code § 127.441]**Need to Halt or Reduce Activity Not a Defense.**

It shall not be a defense for the permittee in an enforcement action that it was necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

#009 [25 Pa. Code §§ 127.442(a) & 127.461]**Duty to Provide Information.**

(a) The permittee shall submit reports to the Department containing information the Department may prescribe relative to the operation and maintenance of each source at the facility.

(b) The permittee shall furnish to the Department, in writing, information that the Department may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. Upon request, the permittee shall also furnish to the Department copies of records that the permittee is required to maintain in accordance with this permit.

#010 [25 Pa. Code § 127.461]**Revising an Operating Permit for Cause.**

This operating permit may be terminated, modified, suspended or revoked and reissued if one or more of the following applies:

- (1) The permittee constructs or operates the source subject to the operating permit so that it is in violation of the Air Pollution Control Act, the Clean Air Act, the regulations thereunder, a plan approval, a permit or in a manner that causes air pollution.
- (2) The permittee fails to properly or adequately maintain or repair an air pollution control device or equipment attached to or otherwise made a part of the source.
- (3) The permittee has failed to submit a report required by the operating permit or an applicable regulation.
- (4) The EPA determines that the permit is not in compliance with the Clean Air Act or the regulations thereunder.

#011 [25 Pa. Code §§ 127.450, 127.462, 127.465 & 127.703]**Operating Permit Modifications**

(a) The permittee is authorized to make administrative amendments, minor operating permit modifications and significant operating permit modifications, under this permit, as outlined below:

**SECTION B. General State Only Requirements**

(b) Administrative Amendments. The permittee shall submit the application for administrative operating permit amendments (as defined in 25 Pa. Code § 127.450(a)), according to procedures specified in § 127.450 unless precluded by the Clean Air Act or its regulations.

(c) Minor Operating Permit Modifications. The permittee shall submit the application for minor operating permit modifications (as defined 25 Pa. Code § 121.1) in accordance with 25 Pa. Code § 127.462.

(d) Significant Operating Permit Modifications. The permittee shall submit the application for significant operating permit modifications in accordance with 25 Pa. Code § 127.465.

(e) The applicable fees shall be made payable to "The Commonwealth of Pennsylvania Clean Air Fund" with the permit number clearly indicated and submitted to the respective regional office.

#012 [25 Pa. Code § 127.441]**Severability Clause.**

The provisions of this permit are severable, and if any provision of this permit is determined by a court of competent jurisdiction to be invalid or unenforceable, such a determination will not affect the remaining provisions of this permit.

#013 [25 Pa. Code § 127.449]**De Minimis Emission Increases.**

(a) This permit authorizes de minimis emission increases in accordance with 25 Pa. Code § 127.449 so long as the permittee provides the Department with seven (7) days prior written notice before commencing any de minimis emissions increase. The written notice shall:

(1) Identify and describe the pollutants that will be emitted as a result of the de minimis emissions increase.

(2) Provide emission rates expressed in tons per year and in terms necessary to establish compliance consistent with any applicable requirement.

(b) The Department may disapprove or condition de minimis emission increases at any time.

(c) Except as provided below in (d), the permittee is authorized to make de minimis emission increases (expressed in tons per year) up to the following amounts without the need for a plan approval or prior issuance of a permit modification:

(1) Four tons of carbon monoxide from a single source during the term of the permit and 20 tons of carbon monoxide at the facility during the term of the permit.

(2) One ton of NO_x from a single source during the term of the permit and 5 tons of NO_x at the facility during the term of the permit.

(3) One and six-tenths tons of the oxides of sulfur from a single source during the term of the permit and 8.0 tons of oxides of sulfur at the facility during the term of the permit.

(4) Six-tenths of a ton of PM₁₀ from a single source during the term of the permit and 3.0 tons of PM₁₀ at the facility during the term of the permit. This shall include emissions of a pollutant regulated under Section 112 of the Clean Air Act unless precluded by the Clean Air Act, the regulations thereunder or 25 Pa. Code Article III.

(5) One ton of VOCs from a single source during the term of the permit and 5.0 tons of VOCs at the facility during the term of the permit. This shall include emissions of a pollutant regulated under Section 112 of the Clean Air Act unless precluded by the Clean Air Act, the regulations thereunder or 25 Pa. Code Article III.

(6) Other sources and classes of sources determined to be of minor significance by the Department.

(d) In accordance with § 127.14, the permittee is authorized to install the following minor sources without the need for a plan approval or permit modification:

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- (1) Air conditioning or ventilation systems not designed to remove pollutants generated or released from other sources.
 - (2) Combustion units rated at 2,500,000 or less Btu per hour of heat input.
 - (3) Combustion units with a rated capacity of less than 10,000,000 Btu per hour heat input fueled by natural gas supplied by a public utility or by commercial fuel oils which are No. 2 or lighter, viscosity less than or equal to 5.82 c St, and which meet the sulfur content requirements of 25 Pa. Code §123.22 (relating to combustion units). For purposes of this permit, commercial fuel oil shall be virgin oil which has no reprocessed, recycled or waste material added.
 - (4) Space heaters which heat by direct heat transfer.
 - (5) Laboratory equipment used exclusively for chemical or physical analysis.
 - (6) Other sources and classes of sources determined to be of minor significance by the Department.
- (e) This permit does not authorize de minimis emission increases if the emissions increase would cause one or more of the following:
- (1) Increase the emissions of a pollutant regulated under Section 112 of the Clean Air Act except as authorized in Subparagraphs (c)(4) and (5) of this permit condition.
 - (2) Subject the facility to the prevention of significant deterioration requirements in 25 Pa. Code Chapter 127, Subchapter D and/or the new source review requirements in Subchapter E.
 - (3) Violate any applicable requirement of this permit, the Air Pollution Control Act, the Clean Air Act, or the regulations promulgated under either of the acts.
- (f) Emissions authorized under this permit condition shall be included in the monitoring, recordkeeping and reporting requirements of this permit.
- (g) Except for de minimis emission increases, installation of minor sources made pursuant to this permit condition and Plan Approval Exemptions under 25 Pa. Code § 127.14 (relating to exemptions), the permittee is prohibited from making changes or engaging in activities that are not specifically authorized under this permit without first applying for a plan approval. In accordance with § 127.14(b), a plan approval is not required for the construction, modification, reactivation, or installation of the sources creating the de minimis emissions increase.
- (h) The permittee may not meet de minimis emission threshold levels by offsetting emission increases or decreases at the same source.

#014 [25 Pa. Code § 127.3]**Operational Flexibility.**

The permittee is authorized to make changes within the facility in accordance with the regulatory provisions outlined in 25 Pa. Code § 127.3 (relating to operational flexibility) to implement the operational flexibility requirements provisions authorized under Section 6.1(i) of the Air Pollution Control Act and the operational flexibility terms and conditions of this permit. The provisions in 25 Pa. Code Chapter 127 which implement the operational flexibility requirements include the following:

- (1) Section 127.14 (relating to exemptions)
- (2) Section 127.447 (relating to alternative operating scenarios)
- (3) Section 127.448 (relating to emissions trading at facilities with Federally enforceable emissions caps)
- (4) Section 127.449 (relating to de minimis emission increases)
- (5) Section 127.450 (relating to administrative operating permit amendments)

**SECTION B. General State Only Requirements**

(6) Section 127.462 (relating to minor operating permit modifications)

(7) Subchapter H (relating to general plan approvals and general operating permits)

#015 [25 Pa. Code § 127.11]**Reactivation**

(a) The permittee may not reactivate a source that has been out of operation or production for at least one year unless the reactivation is conducted in accordance with a plan approval granted by the Department or in accordance with reactivation and maintenance plans developed and approved by the Department in accordance with 25 Pa. Code § 127.11a(a).

(b) A source which has been out of operation or production for more than five (5) years but less than 10 years may be reactivated and will not be considered a new source if the permittee satisfies the conditions specified in 25 Pa. Code § 127.11a(b).

#016 [25 Pa. Code § 127.36]**Health Risk-based Emission Standards and Operating Practice Requirements.**

(a) When needed to protect public health, welfare and the environment from emissions of hazardous air pollutants from new and existing sources, the permittee shall comply with the health risk-based emission standards or operating practice requirements imposed by the Department, except as precluded by §§ 6.6(d)(2) and (3) of the Air Pollution Control Act [35 P.S. § 4006.6(d)(2) and (3)].

(b) A person challenging a performance or emission standard established by the Department has the burden to demonstrate that performance or emission standard does not meet the requirements of Section 112 of the Clean Air Act.

#017 [25 Pa. Code § 121.9]**Circumvention.**

No person may permit the use of a device, stack height which exceeds good engineering practice stack height, dispersion technique or other technique which, without resulting in reduction of the total amount of air contaminants emitted, conceals or dilutes an emission of air contaminants which would otherwise be in violation of 25 Pa. Code Article III, except that with prior approval of the Department, the device or technique may be used for control of malodors.

#018 [25 Pa. Code §§ 127.402(d) & 127.442]**Reporting Requirements.**

(a) The permittee shall comply with the applicable reporting requirements of the Clean Air Act, the regulations thereunder, the Air Pollution Control Act and 25 Pa. Code Article III including Chapters 127, 135 and 139.

(b) The permittee shall submit reports to the Department containing information the Department may prescribe relative to the operation and maintenance of any air contamination source.

(c) Reports, test data, monitoring data, notifications and requests for renewal of the permit shall be submitted to the:

Regional Air Program Manager
PA Department of Environmental Protection
(At the address given in the permit transmittal letter, or otherwise notified)

(d) Any records or information including applications, forms, or reports submitted pursuant to this permit condition shall contain a certification by a responsible official as to truth, accuracy and completeness. The certifications submitted under this permit shall require a responsible official of the facility to certify that based on information and belief formed after reasonable inquiry, the statements and information in the documents are true, accurate and complete.

(e) Any records, reports or information submitted to the Department shall be available to the public except for such

**SECTION B. General State Only Requirements**

records, reports or information which meet the confidentiality requirements of § 4013.2 of the Air Pollution Control Act and §§ 112(d) and 114(c) of the Clean Air Act. The permittee may not request a claim of confidentiality for any emissions data generated for the facility.

#019 [25 Pa. Code §§ 127.441(c) & 135.5]**Sampling, Testing and Monitoring Procedures.**

(a) The permittee shall comply with the monitoring, recordkeeping or reporting requirements of 25 Pa. Code Chapter 139 and the other applicable requirements of 25 Pa. Code Article III and additional requirements related to monitoring, reporting and recordkeeping required by the Clean Air Act and the regulations thereunder including the Compliance Assurance Monitoring requirements of 40 CFR Part 64, where applicable.

(b) Unless alternative methodology is required by the Clean Air Act and regulations adopted thereunder, sampling, testing and monitoring required by or used by the permittee to demonstrate compliance with any applicable regulation or permit condition shall be conducted in accordance with the requirements of 25 Pa. Code Chapter 139.

#020 [25 Pa. Code §§ 127.441(c) and 135.5]**Recordkeeping.**

(a) The permittee shall maintain and make available, upon request by the Department, the following records of monitored information:

- (1) The date, place (as defined in the permit) and time of sampling or measurements.
- (2) The dates the analyses were performed.
- (3) The company or entity that performed the analyses.
- (4) The analytical techniques or methods used.
- (5) The results of the analyses.
- (6) The operating conditions as existing at the time of sampling or measurement.

(b) The permittee shall retain records of any required monitoring data and supporting information for at least five (5) years from the date of the monitoring, sample, measurement, report or application. Supporting information includes the calibration data and maintenance records and original strip-chart recordings for continuous monitoring instrumentation, and copies of reports required by the permit.

(c) The permittee shall maintain and make available to the Department upon request, records including computerized records that may be necessary to comply with the reporting, recordkeeping and emission statement requirements in 25 Pa. Code Chapter 135 (relating to reporting of sources). In accordance with 25 Pa. Code Chapter 135, § 135.5, such records may include records of production, fuel usage, maintenance of production or pollution control equipment or other information determined by the Department to be necessary for identification and quantification of potential and actual air contaminant emissions.

#021 [25 Pa. Code § 127.441(a)]**Property Rights.**

This permit does not convey any property rights of any sort, or any exclusive privileges.

#022 [25 Pa. Code § 127.447]**Alternative Operating Scenarios.**

The permittee is authorized to make changes at the facility to implement alternative operating scenarios identified in this permit in accordance with 25 Pa. Code § 127.447.

**SECTION B. General State Only Requirements****#023 [25 Pa. Code §135.3]****Reporting**

(a) If the facility is a Synthetic Minor Facility, the permittee shall submit by March 1 of each year an annual emissions report for the preceding calendar year. The report shall include information for all active previously reported sources, new sources which were first operated during the preceding calendar year, and sources modified during the same period which were not previously reported. All air emissions from the facility should be estimated and reported.

(b) A source owner or operator of a Synthetic Minor Facility may request an extension of time from the Department for the filing of an annual emissions report, and the Department may grant the extension for reasonable cause.

#024 [25 Pa. Code §135.4]**Report Format**

If applicable, the emissions reports shall contain sufficient information to enable the Department to complete its emission inventory. Emissions reports shall be made by the source owner or operator in a format specified by the Department.

**SECTION C. Site Level Requirements****I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §121.7]****Prohibition of air pollution.**

Except as otherwise authorized by this permit, no person may permit air pollution as that term is defined in the Air Pollution Control Act (35 P.S. Section 4003).

002 [25 Pa. Code §123.1]**Prohibition of certain fugitive emissions**

(a) No person may permit the emission into the outdoor atmosphere of a fugitive air contaminant from a source other than the following:

- (1) Construction or demolition of buildings or structures.
- (2) Grading, paving and maintenance of roads and streets.
- (3) Use of roads and streets. Emissions from material in or on trucks, railroad cars and other vehicular equipment are not considered as emissions from use of roads and streets.
- (4) Clearing of land.
- (5) Stockpiling of materials.
- (6) Open burning operations.
- (7) - (8) N/A
- (9) Sources and classes of sources other than those identified in paragraphs (1)—(8), for which the operator has obtained a determination from the Department that fugitive emissions from the source, after appropriate control, meet the following requirements:
 - (i) The emissions are of minor significance with respect to causing air pollution.
 - (ii) The emissions are not preventing or interfering with the attainment or maintenance of an ambient air quality standard.

003 [25 Pa. Code §123.2]**Fugitive particulate matter**

A person may not permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in 25 Pa. Code § 123.1(a) (relating to prohibition of certain fugitive emissions) if such emissions are visible at the point the emissions pass outside the person's property.

004 [25 Pa. Code §123.31]**Limitations**

A person may not permit the emission into the outdoor atmosphere of any malodorous air contaminants from any source in such a manner that the malodors are detectable outside the property of the person on whose land the source is being operated.

005 [25 Pa. Code §123.41]**Limitations**

A person may not permit the emission into the outdoor atmosphere of visible air contaminants in such a manner that the opacity of the emission is either of the following:

- (a) Equal to or greater than 20% for a period or periods aggregating more than three minutes in any 1 hour.
- (b) Equal to or greater than 60% at any time.

006 [25 Pa. Code §123.42]**Exceptions**

The opacity limitations as per 25 Pa. Code § 123.41 shall not apply to a visible emission in any of the following instances:

- (a) When the presence of uncombined water is the only reason for failure of the emission to meet the limitations.
- (b) When the emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions.
- (c) When the emission results from the sources specified in 25 Pa. Code § 123.1(a) (relating to prohibition of certain fugitive emissions).

**SECTION C. Site Level Requirements****# 007 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall limit the emissions of nitrogen oxides (NOx) to less than 24.9 tons per 12-month rolling period.

008 [25 Pa. Code §129.14]**Open burning operations**

No person may permit the open burning of material in the Southeast Air Basin exempt where the open burning operations result from

- (a) A fire set to prevent or abate a fire hazard, when approved by the Department and set by or under the supervision of a public officer.
- (b) Any fire set for the purpose of instructing personnel in fire fighting, when approved by the Department.
- (c) A fire set for the prevention and control of disease or pests, when approved by the Department.
- (d) A fire set in conjunction with the production of agricultural commodities in their unmanufactured state on the premises of the farm operation.
- (e) A fire set for the purpose of burning domestic refuse, when the fire is on the premises of a structure occupied solely as a dwelling by two families or less and when the refuse results from the normal occupancy of the structure.
- (f) A fire set solely for recreational or ceremonial purposes.
- (g) A fire set solely for cooking food.

II. TESTING REQUIREMENTS.**# 009 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

- (a) If at any time the Department has cause to believe that air contaminant emissions from any source may be in excess of the limitations specified in this Permit, or established pursuant to, any applicable rule or regulation contained in 25 Pa. Code Article III, the permittee shall be required to conduct whatever tests are deemed necessary by the Department to determine the actual emission rate(s).
- (b) Such testing shall be conducted in accordance with the provisions of 25 Pa. Code Chapter 139 and the most current version of the DEP Source Testing Manual, when applicable, and in accordance with any restrictions or limitations established by the Department at such time as it notifies the permittee that testing is required.

III. MONITORING REQUIREMENTS.**# 010 [25 Pa. Code §123.43]****Measuring techniques**

Visible emissions may be measured using either of the following:

- (a) A device approved by the Department and maintained to provide accurate opacity measurements.
- (b) Observers, trained and qualified to measure plume opacity with the naked eye or with the aid of any devices approved by the Department.

011 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

- (a) The permittee shall monitor the facility, once per operating day, for the following:

**SECTION C. Site Level Requirements**

- (1) odors which may be objectionable (as per 25 Pa. Code §123.31);
- (2) visible emissions (as per 25 Pa. Code §§123.41 and 123.42); and
- (3) fugitive particulate matter (as per 25 Pa. Code §§ 123.1 and 123.2).

(b) Objectionable odors, fugitive particulate emissions, and visible emissions that are caused or may be caused by operations at the site shall:

- (1) be investigated;
- (2) be reported to the facility management, or individual(s) designated by the permittee;
- (3) have appropriate corrective action taken (for emissions that originate on-site); and
- (4) be recorded in a permanent written log.

(c) After six (6) months of daily monitoring, and upon the permittee's request, the Department will determine the feasibility of decreasing the monitoring frequency to weekly for the next six month period.

(d) After six (6) months of weekly monitoring, and upon the permittee's request, the Department will determine the feasibility of decreasing the frequency of monitoring to monthly.

(e) The Department reserves the right to change the above monitoring requirements at any time, based on but not limited to: the review of the compliance certification, complaints, monitoring results, and/or Department findings.

Note: In a letter dated August 25, 2015, DEP approved the facility's monitoring frequency of once per month.

IV. RECORDKEEPING REQUIREMENTS.**# 012 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall maintain records of all the facility's increases of emissions from the following categories:

- (1) De minimis increases without notification to the Department;
- (2) De minimis increases with notification to the Department, via letter;
- (3) Increases resulting from a Request for Determination (RFD) to the Department; and
- (4) Increases resulting from the issuance of a plan approval and subsequent operating permit.

(b) The permittee shall maintain records of the date and time when all monitoring of fugitive emissions, visible emissions and odors conducted. If any incident is found during the monitoring, the permittee shall keep record shall contain, at a minimum, the following items:

- (1) date, time, and location of the monitoring conducted, and incident(s), if found;
- (2) the cause of the event; and
- (3) the corrective action taken, if necessary, to abate the situation and prevent future occurrences.

(c) The permittee shall keep records of facility wide NOx emissions on a monthly basis, and 12-month rolling sum.

(d) Records required per this operating permit shall be maintained on site for a 5-year period and made readily available to the Department upon request.

V. REPORTING REQUIREMENTS.**# 013 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 40 C.F.R. Part 68.]

(a) If required by Section 112(r) of the Clean Air Act, the permittee shall develop and implement an accidental release program consistent with requirements of the Clean Air Act, 40 C.F.R. Part 68 (relating to chemical accident prevention provisions) and the Federal Chemical Safety Information, Site Security and Fuels Regulatory Relief Act (P.L. 106-40).

**SECTION C. Site Level Requirements**

(b) The permittee shall prepare and implement a Risk Management Plan (RMP) which meets the requirements of Section 112(r) of the Clean Air Act, 40 C.F.R. Part 68 and the Federal Chemical Safety Information, Site Security and Fuels Regulatory Relief Act when a regulated substance listed in 40 C.F.R. § 68.130 is present in a process in more than the threshold quantity at a facility. The permittee shall submit the RMP to the federal Environmental Protection Agency according to the following schedule and requirements:

(1) The permittee shall submit the first RMP to a central point specified by EPA no later than the latest of the following:

- (i) Three years after the date on which a regulated substance is first listed under 40 C.F.R. § 68.130; or,
- (ii) The date on which a regulated substance is first present above a threshold quantity in a process.

(2) The permittee shall submit any additional relevant information requested by the Department or EPA concerning the RMP and shall make subsequent submissions of RMPs in accordance with 40 C.F.R. § 68.190.

(3) The permittee shall certify that the RMP is accurate and complete in accordance with the requirements of 40 C.F.R. Part 68, including a checklist addressing the required elements of a complete RMP.

(c) As used in this permit condition, the term "process" shall be as defined in 40 C.F.R. § 68.3. The term "process" means any activity involving a regulated substance including any use, storage, manufacturing, handling, or on-site movement of such substances or any combination of these activities. For purposes of this definition, any group of vessels that are interconnected, or separate vessels that are located such that a regulated substance could be involved in a potential release, shall be considered a single process.

(d) If this facility is subject to 40 C.F.R. Part 68, as part of the certification required under this permit, the permittee shall:

(1) Submit a compliance schedule for satisfying the requirements of 40 C.F.R. Part 68 by the date specified in 40 C.F.R. §68.10(a) through (f) and 68.96(a) and (b)(2)(i); or

(2) Certify that this facility is in compliance with all requirements of 40 C.F.R. Part 68 including the registration and submission of the RMP.

(e) If this facility is subject to 40 C.F.R. Part 68, the permittee shall maintain records supporting the implementation of an accidental release program for five (5) years in accordance with 40 C.F.R. § 68.200.

(f) When this facility is subject to the accidental release program requirements of Section 112(r) of the Clean Air Act and 40 C.F.R. Part 68, appropriate enforcement action will be taken by the Department if the permittee fails to register and submit the RMP or a revised plan pursuant to 40 C.F.R. Part 68.

014 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

(a) The permittee shall report malfunctions or emergencies causing excess emissions to the Department. A malfunction is any sudden, infrequent, and not reasonably preventable failure of air pollution control equipment, process equipment, or a process to operate in a normal or usual manner. An emergency is any situation arising from sudden and reasonably unforeseeable events beyond the control of the owner or operator of a facility which requires immediate corrective action to restore normal operation and which causes the emission source to exceed emissions, due to unavoidable increases in emissions attributable to the situation. An emergency shall not include situations caused by improperly designed equipment, lack of preventive maintenance, careless or improper operation, or operator error.

(b) When the malfunction or emergency causing excess emissions poses an imminent danger to the public health, safety, welfare, or environment, it shall be reported to the Department and the County Emergency Management Agency by telephone within one (1) hour after the discovery of the malfunction or emergency of excess emissions. The owner or operator shall submit a written or emailed report of instances of such malfunctions or emergencies of excess emissions to the Department within three (3) business days of the telephone report.

(c) The report shall describe the following:

**SECTION C. Site Level Requirements**

- (1) Name, permit or authorization number, and location of the facility,
- (2) Nature and cause of the malfunction or emergency,
- (3) Date and time when the malfunction or emergency was first observed,
- (4) Expected duration of excess emissions,
- (5) Estimated rate of emissions,
- (6) Corrective actions or preventative measures taken.

(d) Any malfunction or emergency causing emissions that is not subject to the notice requirements of paragraph (b) of this condition shall be reported to the Department by telephone within 24 hours (or by 4:00 PM of the next business day, whichever is later) of discovery and in writing or by e-mail within five (5) business days of discovery. The report shall contain the same information required by paragraph (c), and any permit specific malfunction reporting requirements.

(e) During an emergency an owner or operator may continue to operate the source at their discretion provided they submit justification for continued operation of a source during the emergency and follow all the notification and reporting requirements in accordance with paragraphs (b)-(d), as applicable, including any permit specific malfunction reporting requirements.

(f) Reports regarding malfunctions or emergencies causing emissions shall be submitted to the appropriate DEP Regional Office Air Program Manager.

(g) Any emissions resulted from malfunction or emergency are to be reported in the annual emissions inventory report, if the annual emissions inventory report is required by permit or authorization.

VI. WORK PRACTICE REQUIREMENTS.**# 015 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

A person responsible for any source specified 25 Pa. Code § 123.1 shall take all reasonable actions to prevent particulate matter from becoming airborne. These actions shall include, but not be limited to, the following

- (a) Use, where possible, of water or suitable chemicals, for control of dust in the demolition of buildings or structures, construction operations, the grading of roads, or the clearing of land.
- (b) Application of asphalt, water, or other suitable chemicals, on dirt roads, material stockpiles and other surfaces which may give rise to airborne dusts.
- (c) Paving and maintenance of roadways.
- (d) Prompt removal of earth or other material from paved streets onto which earth or other material has been transported by trucking or earth moving equipment, erosion by water, or by other means.

016 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The permittee shall ensure that the source(s) and air pollution control device(s), listed in this permit, are operated and maintained in a manner consistent with good operating and maintenance practices, and in accordance with manufacturer's specifications.

017 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The permittee shall immediately, upon discovery, implement measures which may include the application for the installation of an air cleaning device(s), if necessary, to reduce the air contaminant emissions to within applicable limitations, if at any time the operation of the source(s) identified in this permit, is causing the emission of air contaminants in excess of the limitations specified in, or established pursuant to 25 Pa. Code Article III or any other applicable rule promulgated under the Clean Air Act.

**SECTION C. Site Level Requirements****# 018 [25 Pa. Code §127.441]
Operating permit terms and conditions.**

The permittee may not modify any air contaminant system identified in this permit, prior to obtaining Department approval, except those modifications authorized by Condition #013(g), of Section B, of this permit.

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

VIII. COMPLIANCE CERTIFICATION.

No additional compliance certifications exist except as provided in other sections of this permit including Section B (relating to State Only General Requirements).

IX. COMPLIANCE SCHEDULE.

No compliance milestones exist.

**SECTION D. Source Level Requirements**

Source ID: 031

Source Name: TWO (2) 12.55 MMBTU/HR BOILERS

Source Capacity/Throughput: 12.600 MMBTU/HR
 89.600 Gal/HR #2 Oil
 12.300 MCF/HR Natural Gas

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.11]****Combustion units**

A person may not permit the emission into the outdoor atmosphere of particulate matter from each combustion unit listed under this source in excess of 0.4 pounds per million Btu of heat input, pursuant to 25 Pa. Code § 123.11(a)(1).

002 [25 Pa. Code §123.22]**Combustion units**

[Additional authority for this permit condition is also derived from 40 C.F.R. §60.42c(h)(4).]

SO₂ emissions from each boiler shall not exceed 1.2 pounds per million Btu of heat input.

003 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The boilers under Source ID 031 shall be equipped with a low nitrogen oxide (NO_x) burner with flue gas recirculation (FGR). NO_x emissions from the boilers shall not exceed:

- (a) 0.44 lb/hr/boiler when burning natural gas.
- (b) 2.39 lb/hr/boiler when burning No. 2 Fuel Oil.
- (c) 1.61 tons on a 12-month rolling sum.

Fuel Restriction(s).**# 004 [25 Pa. Code §123.22]****Combustion units**

[Additional authority for this permit condition is also derived from 40 C.F.R. §60.42c(d). Compliance with the fuel sulfur content limits below deems compliance with 40 C.F.R. §60.42c(d).]

(a) Except as specified below, a person may not offer for sale, deliver for use, exchange in trade or permit the use of commercial fuel oil in a combustion unit in the Southeast Pennsylvania air basin which contains sulfur in excess of 0.0015% by weight, for No. 2 and lighter fuel oil, consistent with 25 Pa. Code § 123.22.

(b) Commercial fuel oil that was stored in this Commonwealth by the ultimate consumer prior to September 1, 2020, which met the applicable maximum allowable sulfur content for commercial fuel oil through August 31, 2020 at the time it was stored, may be used by the ultimate consumer in this Commonwealth on and after September 1, 2020.

005 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Additional authority for this condition is also derived from 25 Pa. Code § 127.444.]

**SECTION D. Source Level Requirements**

The permittee shall use only No. 2 Fuel Oil or Natural Gas as fuels for this source.

006 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Authority for this permit condition is derived from 25 Pa. Code § 127.35 and 40 CFR § 63.11195(e).]

(a) This boiler shall burn gaseous fuels not combined with any solid fuels, and liquid fuel only during periods of gas curtailment, gas supply emergencies, startups, or periodic testing on liquid fuel. Periodic testing of liquid fuel shall not exceed a combined total of 48 hours during any calendar year.

(b) Fuel switching from natural gas to solid fossil fuel, biomass, or liquid fuel, except for reasons stated above, will result in the facility being subject to the requirements of 40 CFR § 63 Subpart JJJJJJ: National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers located at Area Sources.

II. TESTING REQUIREMENTS.**# 007 [25 Pa. Code §123.22]****Combustion units**

(a) The actual sulfur content of commercial fuel oil shall be determined:

(1) in accordance with the sample collection, test methods and procedures specified under 25 Pa. Code § 139.16 (relating to sulfur in fuel oil); or

(2) by other methods developed or approved by the Department or the Administrator of the EPA, or both.

008 [25 Pa. Code §139.16]**Sulfur in fuel oil.**

(a) The following are applicable to the analysis of commercial fuel oil:

(1) the fuel oil sample for chemical analysis shall be collected in a manner that provides a representative sample. Upon the request of a Department official, the person responsible for the operation of the source shall collect the sample employing the procedures and equipment specified in 25 Pa. Code § 139.4(10) or (21) (relating to references);

(2) test methods and procedures for the determination of sulfur shall be those specified in 25 Pa. Code § 139.4(12)--(15) and (20); and

(3) results shall be reported in accordance with the units specified in 25 Pa. Code § 123.22 (relating to combustion units).

(b) The requirements in subpart (a), above, shall be waived in the event that a delivery receipt from the supplier, showing the maximum percent sulfur in the fuel, is obtained each time a fuel oil delivery is made.

III. MONITORING REQUIREMENTS.**# 009 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall monitor the following for this source on a monthly basis:

(a) The type of fuel that is consumed by each boiler listed under this source.

(b) The amount of each fuel that is consumed by each boiler listed under this source.

(c) The hours of operation for each boiler that is listed under this source.

**SECTION D. Source Level Requirements****IV. RECORDKEEPING REQUIREMENTS.****# 010 [25 Pa. Code §123.22]****Combustion units**

The permittee shall maintain in electronic or paper format the record provided by the transferor for the shipment of commercial fuel oil as it changed hands to the permittee (ultimate consumer). This record must legibly and conspicuously contain the following information, in accordance with 25 Pa. Code § 123.22(g)(1) and (5):

- (a) The date of the sale or transfer.
- (b) The name and address of the transferor.
- (c) The name and address of the transferee.
- (d) The volume of commercial fuel oil being sold or transferred.
- (e) The identification of the sulfur content of the shipment of commercial fuel oil, determined using the sampling and testing methods specified in 25 Pa. Code § 123.22(f)(1) and § 139.16, expressed as one of the following statements: For a shipment of No. 2 and lighter commercial fuel oil: On and after September 1, 2020 -“The sulfur content of this shipment is 15 ppm or below.”
- (f) The location of the commercial fuel oil at the time of transfer.

011 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The permittee shall keep records of the NO_x emissions from both boilers on a monthly basis and 12-month rolling sum.

012 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.48c]**Subpart Dc - Standards of Performance for Small Industrial- Commercial-Institutional Steam Generating Units Reporting and recordkeeping requirements.**

(a) The permittee shall keep records as required below:

(1) Calendar dates covered in the reporting period.

(2) Records of fuel oil supplier certification that shall include the following information:

- (A) The name of the oil supplier;
- (B) A statement from the oil supplier that the oil complies with the specifications under the definition of distillate oil in 40 C.F.R. §60.41c; and
- (C) The sulfur content or maximum sulfur content of the oil.

(b) Except as provided under paragraph (c) below, the permittee shall record and maintain records of the amount of each fuel combusted during each operating day.

(c) As an alternative to meeting the requirements of paragraph (b) above, the permittee may elect to record and maintain records of

(1) the amount of each fuel combusted during each calendar month.

(2) the total amount of each steam generating unit fuel delivered to that property during each calendar month.

V. REPORTING REQUIREMENTS.**# 013 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.48c]****Subpart Dc - Standards of Performance for Small Industrial- Commercial-Institutional Steam Generating Units Reporting and recordkeeping requirements.**

(a) The permittee shall submit reports including the following information to the Department:

(1) Calendar dates covered in the reporting period.

(2) Records of fuel oil supplier certifications that shall include the following information:

**SECTION D. Source Level Requirements**

- (A) The name of the oil supplier;
(B) A statement from the oil supplier that the oil complies with the specifications under the definition of distillate oil in 40 C.F.R. §60.41c; and
(C) The sulfur content or maximum sulfur content of the oil.
- (b) The reports shall include a certified statement signed by the permittee that states:
- (1) The records of fuel supplier certifications submitted represent all of the fuel combusted during the reporting period; or
(2) "No fuel oil was burned in the boilers", if natural gas is the only fuel burned in the boilers during the reporting period.
- (c) The reporting period is each six-month period ending on June 30 and December 31. All reports shall be submitted to the Department and shall be postmarked by January 30 and July 30, the 30th day following the end of the reporting period.

VI. WORK PRACTICE REQUIREMENTS.**# 014 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall operate and maintain the boilers in accordance with manufacturer's specifications and good air pollution control practice.

VII. ADDITIONAL REQUIREMENTS.**# 015 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Source ID 031 includes two (2) identical Cleaver Brooks Boilers - Model No. CEW-200-300-30 with a heat input rating of 12.55 MMBTU/hr each.

**SECTION D. Source Level Requirements**

Source ID: 101

Source Name: TWO (2) EMERGENCY ENGINES (2MW EACH)

Source Capacity/Throughput: 322.000 Gal/HR Diesel Fuel

Conditions for this source occur in the following groups: GROUP 2
GROUP 3**I. RESTRICTIONS.****Emission Restriction(s).**

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.Nitrogen oxides (NO_x) emissions from the engines under Source ID 101 shall not exceed 53.36 pounds per hour per engine.**Operation Hours Restriction(s).**

002 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6640]

Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines**How do I demonstrate continuous compliance with the emission limitations, operating limitations, and other requirements?**

a) The permittee shall operate the emergency stationary RICE according to the requirements in the most recent version of 40 C.F.R. §§ 63.6585(f)(2) and 63.6640(f).

b) If the permittee does not operate the engine according to the requirements of 40 C.F.R. §§ 63.6585(f)(2) and 63.6640(f), the engine will not be considered an emergency engine under 40 C.F.R. Part 63 Subpart ZZZZ and must meet all requirements for nonemergency engines upon start up, including, but not limited to the applicable alternative operation requirements in Section F.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Requirements****V. REPORTING REQUIREMENTS.**

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID 101 includes two (2) identical Detroit Diesel - Model 20V-149TI DDEC diesel fired emergency generators (2,000 KW each).

**SECTION D. Source Level Requirements**

Source ID: 101A

Source Name: THREE (3) EXISTING EMERGENCY ENGINES (>500HP EACH)

Source Capacity/Throughput:

This source occurs in alternate operation EMERGENCY ENGINES (>500 HP)

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**SECTION D. Source Level Requirements**

Source ID: 102

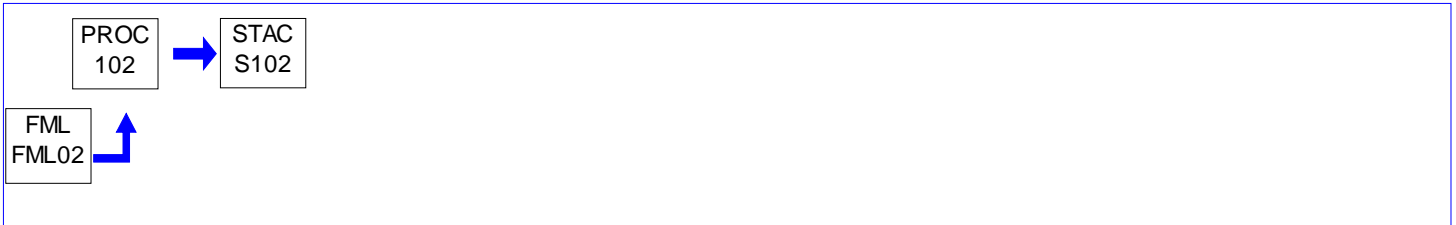
Source Name: LIFE SUPPORT EMERGENCY ENGINE

Source Capacity/Throughput:

14.900 Gal/HR

Diesel Fuel

Conditions for this source occur in the following groups: GROUP 3

**I. RESTRICTIONS.****Operation Hours Restriction(s).****# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The engine shall not be operated for more than 500 hours per calendar year.

002 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6640]**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****How do I demonstrate continuous compliance with the emission limitations, operating limitations, and other requirements?**

- a) The permittee shall operate the emergency stationary RICE according to the requirements in the most recent version of 40 C.F.R. §§ 63.6585(f)(2) and 63.6640(f).
- b) If the permittee does not operate the engine according to the requirements of 40 C.F.R. §§ 63.6585(f)(2) and 63.6640(f), the engine will not be considered an emergency engine under 40 C.F.R. Part 63 Subpart ZZZZ and must meet all requirements for nonemergency engines upon start up, including, but not limited to the applicable alternative operation requirements in Section F.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.**# 003 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall keep the following records:

- (a) The date and hours when the engine operated
 (b) The reason of the engine operated
 (c) The emissions of nitrogen oxides, sulfur dioxide, and particulate matter from the engine. The permittee may use

**SECTION D. Source Level Requirements**

potential to emit (PTE) calculated using the 500 operating hours per year as 12-month rolling sum, and divide PTE by 12 as monthly emissions.

(d) The date and type of maintenance conducted on the engine.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID 102 includes one (1) Cummins Onan - Model DGFC-5002069 diesel fired emergency engine (268 hp).

**SECTION D. Source Level Requirements**

Source ID: 102A

Source Name: TWO (2) EXISTING EMERGENCY ENGINES (<300HP EACH)

Source Capacity/Throughput:

This source occurs in alternate operation EMERGENCY ENGINES (<300 HP)

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**SECTION D. Source Level Requirements**

Source ID: 104

Source Name: WAREHOUSE FIRE PUMP

Source Capacity/Throughput:

6.614 Gal/HR

DIESEL FUEL

Conditions for this source occur in the following groups: GROUP 3

**I. RESTRICTIONS.****Operation Hours Restriction(s).****# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The engine shall not be operated for more than 500 hours per calendar year.

002 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6640]**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****How do I demonstrate continuous compliance with the emission limitations, operating limitations, and other requirements?**

a) The permittee shall operate the emergency stationary RICE according to the requirements in the most recent version of 40 C.F.R. §§ 63.6585(f)(2) and 63.6640(f).

b) If the permittee does not operate the engine according to the requirements of 40 C.F.R. §§ 63.6585(f)(2) and 63.6640(f), the engine will not be considered an emergency engine under 40 C.F.R. Part 63 Subpart ZZZZ and must meet all requirements for nonemergency engines upon start up, including, but not limited to the applicable alternative operation requirements in Section F.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.**# 003 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall keep the following records:

- (a) The date and hours when the engine operated
- (b) The reason of the engine operated
- (c) The emissions of nitrogen oxides, sulfur dioxide, and particulate matter from the engine. The permittee may use



SECTION D. Source Level Requirements

potential to emit (PTE) calculated using the 500 operating hours per year as 12-month rolling sum, and divide PTE by 12 as monthly emissions.

(d) The date and type of maintenance conducted on the engine.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Requirements**

Source ID: 105

Source Name: 2 MW EMERGENCY ENGINE

Source Capacity/Throughput: 137.400 Gal/HR #2 Oil

Conditions for this source occur in the following groups: GROUP 2
GROUP 3**I. RESTRICTIONS.****Emission Restriction(s).**

001 [25 Pa. Code §127.441]
Operating permit terms and conditions.

The emissions of nitrogen oxides (NO_x) from this engine shall not exceed 53.36 pounds per hour per engine.

Operation Hours Restriction(s).

002 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6640]
Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines
How do I demonstrate continuous compliance with the emission limitations, operating limitations, and other requirements?

a) The permittee shall operate the emergency stationary RICE according to the requirements in the most recent version of 40 C.F.R. §§ 63.6585(f)(2) and 63.6640(f).

b) If the permittee does not operate the engine according to the requirements of 40 C.F.R. §§ 63.6585(f)(2) and 63.6640(f), the engine will not be considered an emergency engine under 40 C.F.R. Part 63 Subpart ZZZZ and must meet all requirements for nonemergency engines upon start up, including, but not limited to the applicable alternative operation requirements in Section F.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Requirements****V. REPORTING REQUIREMENTS.**

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID 105 includes one (1) Detroit Diesel - Model 2000DSEB diesel fired emergency generator (2,000 KW). Installed in 2005.

**SECTION D. Source Level Requirements**

Source ID: 106

Source Name: 2 MW EMERGENCY ENGINE

Source Capacity/Throughput: 20.500 MMBTU/HR

147.300 Gal/HR

Diesel Fuel

Conditions for this source occur in the following groups: GROUP 2

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.13]****Processes**

[Compliance with this emission limit deems compliance with 40 C.F.R. §§60.4205(b) and/or 60.4202(b).]

No person may permit the emission into the outdoor atmosphere of particulate matter from this source at any time, in excess of 0.04 gr/dscf, pursuant to 25 Pa. Code § 123.13(c)(1)(i).

002 [25 Pa. Code §123.21]**General**No person may permit the emission into the outdoor atmosphere of sulfur oxides from this source in a manner that the concentration of the sulfur oxides, expressed as SO₂, in the effluent gas exceeds 500 ppmvd.**# 003 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Compliance with this requirement deems compliance with 40 C.F.R. §§60.4205(b) and/or 60.4202(b) - Please see Condition #004.]

The emissions of nitrogen oxides (NO_x) from this engine shall not exceed 6.46 gm/bhp-hr or 43.56 lb/hr, whichever is less stringent.**# 004 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4205]****Subpart III - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines****What emission standards must I meet for emergency engines if I am an owner or operator of a stationary CI internal combustion engine**

The emissions from this engine shall not exceed the following in g/kW-hr:

- (1) HC: 1.3
- (2) NO_x: 9.2
- (3) CO: 11.4
- (4) PM: 0.54

005 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4206]**Subpart III - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines****How long must I meet the emission standards if I am an owner or operator of a stationary CI internal combustion engine**

As per 40 C.F.R. §60.4206, the permittee must operate and maintain the engine that achieves the above emission standards over the entire life of the engine.

Fuel Restriction(s).**# 006 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4207]****Subpart III - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines****What fuel requirements must I meet if I am an owner or operator of a stationary CI internal combustion engine subject to**

**SECTION D. Source Level Requirements**

The permittee must use diesel fuel that meets the requirements of 40 CFR 1090.305 for nonroad diesel fuel, except that any existing diesel fuel purchased (or otherwise obtained) prior to October 1, 2010, may be used until depleted.

Operation Hours Restriction(s).

007 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4211]

Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines

What are my compliance requirements if I am an owner or operator of a stationary CI internal combustion engine?

(a) The permittee shall operate the emergency stationary RICE according to the requirements in the most recent version of 40 C.F.R. §60.4211(f).

(b) If the permittee does not operate the engine according to the requirements of 40 C.F.R. §60.4211(f), the engine will not be considered an emergency engine under 40 C.F.R. Part 63 Subpart IIII and must meet all requirements for non-emergency engines.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

008 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The emergency engine must be equipped with a non-resettable hour meter.

(b) The permittee shall monitor and record the following each time when the engine is operated:

(1) Operating date and hours;

(2) The reason that the engine is operated.

009 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4209]

Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines

What are the monitoring requirements if I am an owner or operator of a stationary CI internal combustion engine?

The engine must be equipped with a non-resettable hour meter to monitor and record the engine operating hours.

IV. RECORDKEEPING REQUIREMENTS.

010 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4214]

Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines

What are my notification, reporting, and recordkeeping requirements if I am an owner or operator of a stationary CI internal combustion engine?

(a) The permittee must keep records of the operation of the engine in emergency and non-emergency service that are recorded through the non-resettable hour meter.

(b) The permittee must record the time of operation of the engine and the reason the engine was in operation during that time.

V. REPORTING REQUIREMENTS.

011 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4214]

Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines

What are my notification, reporting, and recordkeeping requirements if I am an owner or operator of a stationary CI

**SECTION D. Source Level Requirements****internal combustion engine?**

If applicable, the permittee must submit annual reports in accordance with the provisions of 40 C.F.R. §60.4214(d).

VI. WORK PRACTICE REQUIREMENTS.**# 012 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall operate and maintain each engine in accordance with manufacturer's specifications and good engineering practices.

013 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4211]**Subpart III - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines****What are my compliance requirements if I am an owner or operator of a stationary CI internal combustion engine?**

The permittee must

- (1) Operate and maintain the stationary CI internal combustion engine and control device according to the manufacturer's emission-related written instructions;
 - (2) Change only those emission-related settings that are permitted by the manufacturer; and
 - (3) Meet the requirements of 40 C.F.R. part 1068, as they apply.
- (b) The engine must be installed and configured according to the manufacturer's emission-related specifications.

VII. ADDITIONAL REQUIREMENTS.**# 014 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Source ID 106 covers an emergency stationary RICE as specified below:

Manufacturer: MTU Detroit Diesel, Inc.

Engine family: 9MDDL95.4XTR

EPA Certification No. MDD-STNRCI-09-03

Model: 16V-4000 G43 (T1638A36/2000SXC6DT2)(low NOx version)

Serial number: 5272003453

Model Year: 2009

Maximum engine power: 3,058 hp

Engine displacement: 4.77 liters per cylinder

015 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4218]**Subpart III - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines****What parts of the General Provisions apply to me?**

The permittee must comply with the following applicable 40 C.F.R. 60 Subpart A - General Provisions:

Citation Subject of citation

§60.1 General applicability of the General Provisions

§60.2 Definitions Additional terms defined in §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

**SECTION D. Source Level Requirements**

§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

**SECTION E. Source Group Restrictions.**

Group Name: GROUP 2

Group Description: Engines subject to 25 Pa. Code §§129.203 and 204

Sources included in this group

ID	Name
101	TWO (2) EMERGENCY ENGINES (2MW EACH)
105	2 MW EMERGENCY ENGINE
106	2 MW EMERGENCY ENGINE

I. RESTRICTIONS.**Emission Restriction(s).****# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The combined NO_x emissions from the engines under Source IDs 101, 105, and 106 shall not exceed 7.63 tons per 12-month rolling period.

Fuel Restriction(s).**# 002 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The combined fuel usage by the engines, under Source IDs 101, 105 and 106, shall not exceed 46,009 gallons per 12-month rolling period.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

III. MONITORING REQUIREMENTS.**# 003 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The diesel fuel usage by each engine shall be monitored and recorded on a monthly basis.

IV. RECORDKEEPING REQUIREMENTS.**# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall keep the following records:

- The combined NO_x emissions from Source IDs 101, 105, and 106 on a monthly basis and 12-month rolling sum.
- The combined fuel usages by Source IDs 101, 105, and 106 on a monthly basis and 12-month rolling sum.
- The PM, SO_x and NO_x emissions from each engine on a monthly basis and 12-month rolling sum.
- Delivery receipt from the fuel oil supplier, showing the maximum percent sulfur in the fuel oil.
- The amount of fuel consumed by each engine on a monthly basis.
- The total operating hours each calendar year.

005 [25 Pa. Code §129.203]**Stationary internal combustion engines.**

- By October 31 each year, the permittee shall calculate the difference between the actual NO_x emissions from the engine during the period from May 1 through September 30 and the allowable NO_x emissions for that period.
- The permittee shall calculate allowable NO_x emissions by multiplying the cumulative hours of operations for the engine for the period by the horsepower rating of the engine and by 2.3 grams of NO_x per brake horsepower-hour.

**SECTION E. Source Group Restrictions.****V. REPORTING REQUIREMENTS.****# 006 [25 Pa. Code §129.204]****Emission accountability.**

(a) The permittee shall determine actual NOx emissions in accordance with one of the following:

(1) The 1-year average emission rate calculated from the most recent permit emission limit compliance demonstration test data for NOx.

(2) The maximum hourly allowable NOx emission rate contained in the permit or the higher of the following:

(A) The highest rate determined by use of the emission factor for the unit class contained in the most up-to date version of the EPA publication, "AP-42 Compilation of Air Pollution Emission Factors."

(B) The highest rate determined by use of the emission factor for the unit class contained in the most up-to date version of EPA's "Factor Information Retrieval (FIRE)" data system.

(3) An alternate calculation and recordkeeping procedure based upon emissions testing and correlations with operating parameters. The permittee shall demonstrate that the alternate procedure does not underestimate actual emissions throughout the allowable range of operating conditions. In regard to obtaining the Department's approval for an alternate calculation method and recordkeeping procedure for actual emissions, the permittee may request an adjustment to the allowable emissions calculations set forth in §129.203. An allowable emission adjustment may not overestimate a unit's allowable emissions and must be based upon the parameters and procedures proposed in the alternate calculation method for actual emissions. The alternate calculation and recordkeeping procedures must be approved by the Department, in writing, prior to implementation.

(b) The permittee shall surrender to the Department one CAIR NOx allowance and one CAIR NOx Ozone Season allowance, as defined in 40 C.F.R. 96.102 and 96.302 (relating to definitions), for each ton of NOx by which the combined actual emissions exceed the allowable emissions of the units subject to this section at a facility from May 1 through September 30. The surrendered allowances shall be of current year vintage. For the purpose of determining the amount of allowances to surrender, any remaining fraction of a ton equal to or greater than 0.50 ton is deemed to equal 1 ton and any fraction of a ton less than 0.50 ton is deemed to equal zero tons.

(c) If the combined allowable emissions from units subject to this section at a facility from May 1 through September 30 exceed the combined actual emissions from units subject to this section at the facility during the same period, the permittee may deduct the difference or any portion of the difference from the amount of actual emissions from units subject to this section at the permittee's other facilities.

(d) By November 1 of each year, the permittee shall surrender the required NOx allowances to the Department's designated NOx allowance tracking system account and provide to the Department, in writing, the following:

(1) The serial number of each NOx allowance surrendered.

(2) The calculations used to determine the quantity of NOx allowances required to be surrendered.

(e) If the permittee fails to comply with subsection (d), the permittee shall by December 31 surrender three NOx allowances of the current or later year vintage for each NOx allowance that was required to be surrendered by November 1 of that year.

(f) The surrender of NOx allowances under subsection (e) does not affect the liability of the permittee for any fine, penalty or assessment, or an obligation to comply with any other remedy for the same violation, under the CAA or the act.

(1) For purposes of determining the number of days of violation, if a facility has excess emissions for the period May 1 through September 30, each day in that period (153 days) constitutes a day in violation unless the permittee demonstrates that a lesser number of days should be considered.

(2) Each ton of excess emissions is a separate violation.

(g) For the purposes of compliance with 25 Pa. Code §129.203, the permittee shall follow the current policies for the transition from CAIR to CSAPR.

**SECTION E. Source Group Restrictions.****VI. WORK PRACTICE REQUIREMENTS.**

No additional work practice requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**SECTION E. Source Group Restrictions.**

Group Name: GROUP 3

Group Description: All engines

Sources included in this group

ID	Name
101	TWO (2) EMERGENCY ENGINES (2MW EACH)
102	LIFE SUPPORT EMERGENCY ENGINE
104	WAREHOUSE FIRE PUMP
105	2 MW EMERGENCY ENGINE

I. RESTRICTIONS.**Emission Restriction(s).****# 001 [25 Pa. Code §123.13]****Processes**

No person may permit the emission into the outdoor atmosphere of particulate matter from this source at any time, in excess of 0.04 gr/dscf, pursuant to 25 Pa. Code § 123.13(c)(1)(i).

002 [25 Pa. Code §123.21]**General**

No person may permit the emission into the outdoor atmosphere of sulfur oxides from this source in a manner that the concentration of the sulfur oxides, expressed as SO₂, in the effluent gas exceeds 500 ppmvd.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

III. MONITORING REQUIREMENTS.**# 003 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

- (a) Each emergency engine must be equipped with a non-resettable hour meter.
- (b) The permittee shall monitor and record the following each time when the engine is operated:
 - (1) Operating date and hours;
 - (2) The reason that the engine is operated.

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

VI. WORK PRACTICE REQUIREMENTS.**# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall operate and maintain each engine in accordance with manufacturer's specifications and good engineering practices.

**SECTION E. Source Group Restrictions.****VII. ADDITIONAL REQUIREMENTS.**

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**SECTION F. Alternative Operation Requirements.**

Alternative Operation Name: EMERGENCY ENGINES (<300 HP)

#001 CHANGES FROM NORMAL OPERATION

In the event that any one or all of the emergency engines covered under Source ID 102A become subject to 40 C.F.R. Part 63, Subpart ZZZZ, the engine(s) must meet the requirements specified in this Section.

Source ID 102A includes the following emergency engines that are considered as existing source as per specified in 40 C.F.R. §63.6585(c):

Source ID	Source Name
102	Life Support Emergency Engine
104	Waterhouse Fire Pump

Sources included in this Alternative Operation:

ID	Name	Source Type
102A	TWO (2) EXISTING EMERGENCY ENGINES (<300HP EACH)	Process

I. RESTRICTIONS.**Fuel Restriction(s).****# 001 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6604]****Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What fuel requirements must I meet if I own or operate an existing stationary CI RICE?**

The permittee must use diesel fuel that meets the requirements in 40 CFR 1090.305 for nonroad diesel fuel, except that any existing diesel fuel purchased (or otherwise obtained) prior to January 1, 2015, may be used until depleted.

II. TESTING REQUIREMENTS.**# 002 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6625]****Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What are my monitoring, installation, operation, and maintenance requirements?**

The permittee may utilize an oil analysis program in order to extend the specified oil change requirement in Table 2d to 40 C.F.R. 63 subpart ZZZZ. The oil analysis must be performed at the same frequency specified for changing the oil in Table 2d to 40 C.F.R. 63 subpart ZZZZ. The analysis program must at a minimum analyze the following three parameters:

(1) Total Base Number, viscosity, and percent water content.

(2) The condemning limits for these parameters are as follows:

(i) Total Base Number is less than 30 percent of the Total Base Number of the oil when new;

(ii) viscosity of the oil has changed by more than 20 percent from the viscosity of the oil when new; or

(iii) percent water content (by volume) is greater than 0.5.

If all of these condemning limits are not exceeded, the permittee is not required to change the oil. If any of the limits are exceeded, the permittee must change the oil within 2 business days of receiving the results of the analysis; if the engine is not in operation when the results of the analysis are received, the permittee must change the oil within 2 business days or before commencing operation, whichever is later. The permittee must keep records of the parameters that are analyzed as part of the program, the results of the analysis, and the oil changes for the engine. The analysis program must be part of the maintenance plan for the engine.

III. MONITORING REQUIREMENTS.**# 003 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6625]****Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines**



SECTION F. Alternative Operation Requirements.

What are my monitoring, installation, operation, and maintenance requirements?

The engine must be equipped with a non-resettable hour meter.

IV. RECORDKEEPING REQUIREMENTS.

004 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6625]

Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

What are my monitoring, installation, operation, and maintenance requirements?

(a) If oil analysis program is utilized, the permittee must keep records of:

- (1) The parameters of the fuel oil analyzed as part of the oil analysis program,
- (2) The results of the analysis, and
- (3) The oil changes for the engine.

(b) The oil analysis program must be part of the maintenance plan for the engine.

005 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6655]

Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

What records must I keep?

(a) The permittee must keep records of the maintenance conducted on the stationary RICE according to the manufacturer's emission-related operation and maintenance instructions.

(b) The permittee must keep records of the hours of operation of the engine that is recorded through the non-resettable hour meter.

(c) The permittee 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.

V. REPORTING REQUIREMENTS.

006 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6650]

Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

What reports must I submit and when?

(a) The permittee must submit annual reports that must contain:

- (i) Company name and address where the engine is located.
- (ii) Date of the report and beginning and ending dates of the reporting period.
- (iii) Engine site rating and model year.
- (iv) Latitude and longitude of the engine in decimal degrees reported to the fifth decimal place.
- (v) Hours operated for the purposes specified in 40 C.F.R. §63.6640(f), including the date, start time, and end time for engine operation.

(b) 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) 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 C.F.R. §63.13.

VI. WORK PRACTICE REQUIREMENTS.

007 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6603]

Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

**SECTION F. Alternative Operation Requirements.****What emission limitations, operating limitations, and other requirements must I meet if I own or operate an existing stationary RICE located at an area source of HAP emissions?**

The permittee shall

(a) Change oil and filter every 500 hours of operation or annually, whichever comes first, except as specified in 40 C.F.R. §63.6625(i);

(b) Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first, and replace as necessary; and

(c) Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.

008 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6605]**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What are my general requirements for complying with this subpart?**

(a) The permittee must be in compliance with the requirements in 40 C.F.R. 63 subpart ZZZZ that apply at all times.

(b) At all times the permittee must operate and maintain the engines in a manner consistent with safety and good air pollution control practices for minimizing emissions. Determination of whether such operation and maintenance procedures are being used will be based on information available to the Department which may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source.

009 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6625]**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What are my monitoring, installation, operation, and maintenance requirements?**

(a) The permittee must operate and maintain the stationary RICE according to the manufacturer's emission-related written instructions or develop owner's 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.

(b) 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.

VII. ADDITIONAL REQUIREMENTS.**# 010 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6590]****Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What parts of my plant does this subpart cover?**

Source ID 102A includes two (2) diesel fired emergency engines installed before June 12, 2006.

**SECTION F. Alternative Operation Requirements.**

Alternative Operation Name: EMERGENCY ENGINES (>500 HP)

#001 CHANGES FROM NORMAL OPERATION

In the event that any one or all of the emergency engines covered under Source ID 101A become subject to 40 C.F.R. Part 63, Subpart ZZZZ, the engine(s) must meet the requirements specified in this Section.

Source ID 101A includes the following emergency engines that are considered as existing source as per specified in 40 C.F.R. §63.6585(c):

Source ID	Source Name
101	Two (2) Emergency Engines (2 MW Each)
105	2 MW Emergency Engine

Sources included in this Alternative Operation:

ID	Name	Source Type
101A	THREE (3) EXISTING EMERGENCY ENGINES (>500HP EACH)	Process

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

II. TESTING REQUIREMENTS.**# 001 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6625]****Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What are my monitoring, installation, operation, and maintenance requirements?**

(a) The permittee has the option of utilizing an oil analysis program in order to extend the specified oil change requirement in Table 2d to 40 C.F.R. 63 subpart ZZZZ. The oil analysis must be performed at the same frequency specified for oil changing in Table 2d to 40 C.F.R. 63 subpart ZZZZ. The analysis program must at a minimum analyze the following three parameters and condemning limits:

- (1) Total Base Number is less than 30 percent of the Total Base Number of the oil when new;
- (2) Viscosity of the oil has changed by more than 20 percent from the viscosity of the oil when new;
- (3) Percent water content (by volume) is greater than 0.5.

(b) If all of these condemning limits are not exceeded, the permittee is not required to change the oil. If any of the limits are exceeded, the permittee must change the oil within 2 business days of receiving the results of the analysis; if the engine is not in operation when the results of the analysis are received, the permittee must change the oil within 2 business days or before commencing operation, whichever is later.

(c) The analysis program must be part of the maintenance plan for the engine.

III. MONITORING REQUIREMENTS.**# 002 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6625]****Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What are my monitoring, installation, operation, and maintenance requirements?**

The emergency engine must be equipped with a non-resettable hour meter.

IV. RECORDKEEPING REQUIREMENTS.**# 003 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6625]****Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What are my monitoring, installation, operation, and maintenance requirements?**

**SECTION F. Alternative Operation Requirements.**

The permittee must keep records of the results of the oil analysis, and the oil changes for the engine.

004 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6655]**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What records must I keep?**

- (a) The permittee must keep records of the maintenance conducted on the stationary RICE according to the manufacturer's emission-related operation and maintenance instructions.
- (b) The permittee must keep records of the hours of operation of the engine that is recorded through the non-resettable hour meter.
- (c) The permittee 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.

005 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6660]**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****In what form and how long must I keep my records?**

- (a) The records must be in a form suitable and readily available for expeditious review according to 40 C.F.R. §63.10(b)(1).
- (b) As specified in 40 C.F.R. §63.10(b)(1), the permittee must keep each record for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record.
- (c) The permittee must keep each record readily accessible in hard copy or electronic form for at least 5 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, according to 40 C.F.R. §63.10(b)(1).

V. REPORTING REQUIREMENTS.**# 006 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6650]****Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What reports must I submit and when?**

The permittee must submit annual reports according to the following requirements.

- (1) The report must contain:
- (i) Company name and address where the engine is located.
 - (ii) Date of the report and beginning and ending dates of the reporting period.
 - (iii) Engine site rating and model year.
 - (iv) Latitude and longitude of the engine in decimal degrees reported to the fifth decimal place.
 - (v) Hours operated for the purposes specified in 40 C.F.R. §63.6640(f).
 - (vi) If there were deviations from the fuel requirements in 40 C.F.R. §63.6604(b), information on the number, duration, and cause of deviations, and the corrective action taken.
- (2) Annual reports for each calendar year must be submitted no later than March 31 of the following calendar year.
- (3) 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 C.F.R. §63.13.

VI. WORK PRACTICE REQUIREMENTS.**# 007 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6605]****Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines**

**SECTION F. Alternative Operation Requirements.****What are my general requirements for complying with this subpart?**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441.]

The permittee must operate and maintain the engine(s) in a manner consistent with safety and good air pollution control practices for minimizing emissions.

008 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6625]**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What are my monitoring, installation, operation, and maintenance requirements?**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441.]

(a) The permittee must operate and maintain the stationary RICE according to the manufacturer's emission-related written instructions.

(b) 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.

009 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6640]**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****How do I demonstrate continuous compliance with the emission limitations, operating limitations, and other requirements?**

As per 40 C.F.R. §§63.6603(a) and 63.6640(a), the permittee must meet the following requirement:

(a) Change oil and filter every 500 hours of operation or annually, whichever comes first;

(b) Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first, and replace as necessary; and

(c) Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.

VII. ADDITIONAL REQUIREMENTS.**# 010 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6590]****Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What parts of my plant does this subpart cover?**

Source ID 101 includes two (2) identical Detroit Diesel diesel fired emergency engines (2,000 kW each), installed before June 12, 2006.

Source ID 105 includes one (1) Detroit Diesel - Model 2000DSEB diesel fired emergency generator (2,000 KW). Installed in 2005.

**SECTION G. Emission Restriction Summary.**

Source Id	Source Descriptor		
031	TWO (2) 12.55 MMBTU/HR BOILERS		
Emission Limit			
0.440	Lbs/Hr	When burning natural gas; applies to each boiler	NOX
1.610	Tons/Yr	Determined on a 12-month rolling basis; Emission limit applies to the total emissions from Source ID 031	NOX
2.390	Lbs/Hr	When burning No. 2 Fuel Oil; applies to each boiler	NOX
0.400	Lbs/MMBTU		PM10
101	TWO (2) EMERGENCY ENGINES (2MW EACH)		
Emission Limit			
7.630	Tons/Yr	Determined on a 12-month rolling basis; Emission limit applies to total emissions from Source IDs 101, 105, and 106	NOX
53.360	Lbs/Hr	Emission limit applies to each generator	NOX
0.040	gr/CF	Dry standard conditions	PM10
500.000	PPMV	Dry standard conditions	SOX
102	LIFE SUPPORT EMERGENCY ENGINE		
Emission Limit			
0.040	gr/CF	Dry standard conditions	PM10
500.000	PPMV	Dry standard conditions	SOX
104	WAREHOUSE FIRE PUMP		
Emission Limit			
0.040	gr/CF	Dry standard conditions	PM10
500.000	PPMV	Dry standard conditions	SOX
105	2 MW EMERGENCY ENGINE		
Emission Limit			
7.630	Tons/Yr	Determined on a 12-month rolling basis; Emission limit applies to total emissions from Source IDs 101, 105, and 106	NOX
53.360	Lbs/Hr		NOX
0.040	gr/CF	Dry standard conditions	PM10
500.000	PPMV	Dry standard conditions	SOX
106	2 MW EMERGENCY ENGINE		
Emission Limit			
11.400	GRAMS/KW-Hr		CO
1.300	GRAMS/KW-Hr		Hydrocarbon
7.630	Tons/Yr	Determined on a 12-month rolling basis; Emission limit applies to total emissions from Source IDs 101, 105, and 106	NOX
0.040	gr/CF	Dry Standard Conditions	PM10
0.540	GRAMS/KW-Hr		PM10
500.000	PPMV	Dry Standard Conditions	SOX

**SECTION G. Emission Restriction Summary.****Site Emission Restriction Summary**

Emission Limit		Pollutant
24.900 Tons/Yr	Determined on a 12-month rolling basis	NOX

Alternative Operation Emission Restriction Summary

Source Id	Source Description
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**SECTION H. Miscellaneous.**

#001. The Department of Environmental Protection (DEP) has determined that the emissions from the following activities, excluding those indicated as site level requirements, in Section C, of this permit, do not require additional limitations, monitoring, or recordkeeping:

- (a) One 5,000-gallon underground storage tank for No. 2 Fuel Oil.
- (b) Three 3,500-gallon aboveground storage tanks for Diesel Fuel. These tanks are associated with Source ID s 101 and 106. The previous fourth tanks is now listed as item (i) below.
- (c) A 280-gallon aboveground storage tank for Diesel Fuel. This unit is associated with Source ID 102. This source was previously incorrectly listed as 800-gallons.
- (d) One 300-gallon aboveground storage tanks for Diesel Fuel. This unit is associated with Source ID 104. One (of two) units was removed when SourceID 103 was removed.
- (e) Two natural gas fired water heaters, 120-gallons each with a heat input of 250,000 BTU/hr each.
- (f) Painting Booths (exempted through RFD 15-A01-952).
- (g) Pump House Hot Water Boiler (heat input of 1.2 MMBTU/hr; operates on No. 2 Fuel Oil). This unit is associated with Source ID 103. Removed from service November 2017.
- (h) A 275-gallon aboveground storage tank for the Pump House Boiler. This unit is associated with Source ID 103. Removed from service November 2017.
- (i) One 4,000-gallon aboveground storage tanks for Diesel Fuel associate with Source ID 105.
- (j) One 30-HP steam generating Boiler (heat input of 1.3 mmBtu/hr, operates on Natural Gas). RfD #6877.
- (k) One 86-BHP emergency Fire Pump Engine (operates on Diesel fuel). RfD #7396.

#002. For the sources listed in Condition #001 above, the permittee shall calculate and record the potential emissions of any criteria pollutants emitted from the sources. These records shall be kept on file and made available to the Department upon request.

#003. The following plan approvals provide a basis for the terms and conditions of this State Only Operating Permit:

- (a) PA-15-0115.
- (b) PA-15-0115B.
- (c) 15-0115C.
- (d) 15-0115F.

#004. The throughputs and/or capacities listed in Sections A and D of this permit are used for descriptive purposes. These throughputs and/or capacities are not considered limitations or enforceable conditions by the Department.

#005. The emission limits listed in Section F are a summary of the emission limits placed on the site in Section C and the individual sources listed in Section D of this permit. The limits listed in Section F are not intended to be additional limits for the site or the sources at this facility.

#006. APS No. 500967; AUTH No. 652755: This State Only Operating Permit was revised (1/3/2007) to incorporate plan approval 15-0115C for the addition of a 2,000 KW Emergency Generator to their facility. There were no changes proposed for existing emission limitations for nitrogen oxides or the existing limit on fuel usage for all of the 2,000 KW Emergency Generators combined. QVC, Inc. did request and was granted a change in the language of the permit to address needs for the emergency generators to be operating in situations where no power would come from the supplier (possible electrical storm that could shut off power to the facility).

#007. APS No. 500967; AUTH No. 730048: This State Only Operating Permit underwent a minor modification to allow four (4) 2000 kW emergency generators Source IDs 101 (Emergency Generators #1, #2 and 3) and 105 (Emergency Generator #4) to participate in an interruptible load for reliability agreement. Herein the Operating Permit is modified to include: a de minimis increase in NOx emissions for the combination of the four (4) generators from 6.63 to 7.63 tons per 12- month rolling period, an increase in fuel usage by the combination of the four (4) generators from 40,009 gallons to 46,009 gallons per 12-month rolling period and a change in the work practice requirements for the generators to include the supplying of electricity for limited periods for which the primary power supplier, PECO Energy, has requested that QVC operate facility generators during certain emergency situations.

#008. APS No. 500967; AUTH No. 830311: This State Only Operating Permit underwent a minor modification, to Section D, Source IDs 101 and 105. The modification is the removal of language pertaining to Source IDs 101 and 105 that references participation in an interruptible load for reliability agreement with PECO. Source IDs 101 and 105 shall not longer be permitted to participate in an interuptable load and reliablility agreement without prior approval from the DEP.

**SECTION H. Miscellaneous.**

#009. APS No. 500967; AUTH No. 905489: This State Only Operating Permit has been administratively amended to incorporate Plan Approval No. 15-0115F. Plan Approval No. 15-0115F superseded Plan Approval No. 15-0115E, which was for the installation of a replacement 2000 kW emergency generator (Source ID 106 replaced one of the emergency generators operated under Source ID 101). Plan Approval No. 15-0115F increased the allowable emission rate for formaldehyde.

#010. January 21, 2015, AUTH ID 1059939: OP renewal. The applicable regulations incorporated into this OP renewal are specified below:

40 CFR 63 Subpart ZZZZ for Source IDs 101 through 105, in Section F, Alternative Operations Section. These requirements apply if the engines lose their current regulatory exemption status in the event, they are utilized for non-emergency purposes.
40 CFR 60 Subpart IIII for Source ID 106.

#011. January 21, 2016, AUTH ID 1105224: OP Amendment to resolve appeal.

***** April 2022 *****

#012. April 14, 2022, AUTH ID 1307784: Permit Renewal

The following changes have been made in this renewal:

- 1) Section C Reporting Requirement: updated to current 40 CFR Part 68 Subpart H requirement.
- 2) Section C Malfunction Reporting Requirement: updated.
- 3) Section C Work Practice: Restriction on modifying sources without DEP notification: added.
- 4) Source ID 031: fuel oil sulfur limit reduced to 0.0015% (15 ppm).
- 5) Source ID 031: 40 CFR Part 63 Subpart JJJJJJ exemption updated to include maintenance or operator training.
- 6) Source ID 031: ultimate consumer testing requirement has been removed.
- 7) Source ID 031: item 20 added to Sulfur test method: 25 Pa. Code 139.4(12)-(15) and (20).
- 8) Source IDs 101, 105 and 106: 25 Pa. Code 129.203 and 129.204 Reporting Requirements have been updated.
- 9) Source ID 101A: Alternative Operation Requirements-Source ID 105 noted as a source cover by 40 CFR Part 63 Subpart ZZZZ.
- 10) Source ID 102A: Updated diesel fuel requirements from 40 CFR 80.510(b) to 40 CFR 1090.305.
- 11) Source ID 103: Removed from the permit; (removed from service November 2017).
- 12) Source ID 106: Diesel fuel restrictions updated to 40 CFR 1090.305.
- 13) Source ID 106 Compliance requirement updated to 40 CFR 1068 only.
- 14) Miscellaneous: Added one 30-HP steam generating Boiler (heat input of 1.3 mmBtu/hr, operates on Natural Gas). RfD #6877.
- 15) Miscellaneous: Added one 86-BHP emergency Fire Pump Engine (operates on Diesel fuel). RfD #7396.



***** End of Report *****
