



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
AIR QUALITY PROGRAM

**STATE ONLY SYNTHETIC MINOR OPERATING PERMIT**

Issue Date: June 29, 2022

Effective Date: June 29, 2022

Expiration Date: June 28, 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: 60-00002**

Synthetic Minor

Federal Tax Id - Plant Code: 85-4331127-1

**Owner Information**

Name: GOLD BOND BLDG PROD LLC  
Mailing Address: 2586 OLD ROUTE 15  
NEW COLUMBIA, PA 17856-9367

**Plant Information**

Plant: GOLD BOND BLDG PROD/MILTON PLT  
Location: 60 Union County 60914 White Deer Township  
SIC Code: 2631 Manufacturing - Paperboard Mills

**Responsible Official**

Name: KEN LISCUM  
Title: PLANT MANAGER  
Phone: (570) 413 - 8844 Email:

**Permit Contact Person**

Name: TOM PORTER  
Title: PLANT ENGINEER  
Phone: (570) 413 - 8854 Email: tompo@goldbondbuilding.com

[Signature] \_\_\_\_\_  
MUHAMMAD Q. ZAMAN, ENVIRONMENTAL PROGRAM MANAGER, NORTHCENTRAL REGION



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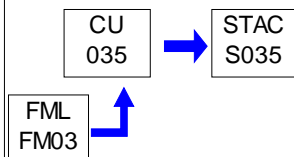
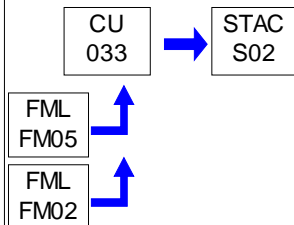
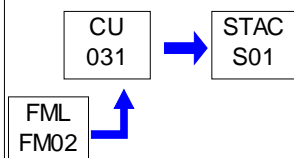
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Source ID	Source Name	Capacity/Throughput	Fuel/Material
031	BABCOCK & WILCOX 1	162.500 MMBTU/HR	
		0.162 MMCF/HR	Natural Gas
033	BABCOCK & WILCOX 2	68.900 MMBTU/HR	
		0.068 MMCF/HR	Natural Gas
035	BRYAN WATER BOILER	0.900 MMBTU/HR	
		1.000 Gal/HR	Liquid Petroleum Gas (Lp)
036	WARM MORNING GAS HEATER (0.065MMBTU/HR)	1.000 Gal/HR	Liquid Petroleum Gas (Lp)
P101	150HP DIESEL FIRE WATER PUMP	9.000 Gal/HR	#2 Oil
P102	EMERGENCY POWER GENERATOR	3.000 Gal/HR	Liquid Petroleum Gas (Lp)
P103	STORAGE TANKS		
P104	TWO PARTS WASHERS		
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Z103	PARTS WASHERS EMISSIONS		

**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<sub>x</sub> from a single source during the term of the permit and 5 tons of NO<sub>x</sub> 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 PM<sub>10</sub> from a single source during the term of the permit and 3.0 tons of PM<sub>10</sub> 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:

**SECTION B. General State Only Requirements**

- (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 §123.1]****Prohibition of certain fugitive emissions**

No person may permit the emission into the outdoor atmosphere of fugitive air contaminants 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) Blasting in open pit mines. Emissions from drilling are not considered as emissions from blasting.
- (8) Sources and classes of sources other than those identified above, for which the permittee has obtained a determination from the Department that fugitive emissions from the source, after appropriate control, meet the following requirements:
  - (a) The emissions are of minor significance with respect to causing air pollution.
  - (b) The emissions are not preventing or interfering with the attainment or maintenance of any ambient air quality standard.

**# 002 [25 Pa. Code §123.2]****Fugitive particulate matter**

No person may permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in (1) through (8) of condition #001 herein if the emissions are visible at the point the emissions pass outside the person's property.

**# 003 [25 Pa. Code §123.41]****Limitations**

No person may 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:

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

**# 004 [25 Pa. Code §123.42]****Exceptions**

The emission limitations of 25 Pa. Code Section 123.41 shall not apply when:

- (1) The presence of uncombined water is the only reason for failure of the emission to meet the limitations;
- (2) The emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions;
- (3) The emission results from sources specified in 25 Pa. Code Section 123.1(a)(1)-(9).

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

[Additional authority for this permit condition is also derived from the permittee requesting this Synthetic Minor restriction.]

**SECTION C. Site Level Requirements**

(a) The combined nitrogen oxides (expressed as NO<sub>2</sub>) emissions, from all sources at the facility, shall not equal or exceed 100 tons in any 12 consecutive month period, calculated as a monthly rolling limit.

(b) The combined volatile organic compounds emissions, from all sources at the facility, shall not equal or exceed 50 tons in any 12 consecutive month period, calculated as a monthly rolling limit.

**Fuel Restriction(s).****# 006 [25 Pa. Code §123.22]****Combustion units**

Beginning September 1, 2020, the sulfur content of all #2 fuel oil delivered to the facility shall not exceed 0.0015% (15 ppm) by weight. #2 fuel oil stored at the facility prior to September 1, 2020 which met the applicable maximum allowable sulfur content for commercial fuel oil at the time it was stored may be used by the permittee on and after September 1, 2020.

**II. TESTING REQUIREMENTS.****# 007 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall perform tests or provide a fuel certification report of the percent sulfur by weight of each delivery of the #2 fuel oil delivered to the facility,

OR

The permittee shall keep records of fuel certification reports obtained yearly from the #2 fuel oil supplier containing the name of the fuel oil supplier and stating that the sulfur percentage for each shipment of fuel delivered to the facility during the year shall not exceed 0.0015% sulfur by weight.

(b) All testing and fuel certification reports shall be in accordance with the provisions of 25 Pa. Code Chapter 139.

**# 008 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) Pursuant to 25 Pa. Code § 139.3, at least 90 calendar days prior to commencing a EPA reference method testing program, a test protocol shall be submitted to the Department for review and approval. One electronic copy shall be sent to the Northcentral Regional Office Air Quality Program Manager and one electronic copy shall be sent to the PSIMS Administrator in Central Office. The test protocol shall meet all applicable requirements specified in the most current version of the Department's Source Testing Manual.

(b) Pursuant to 25 Pa. Code § 139.3, at least 15 calendar days prior to commencing an emission testing program, notification as to the date and time of testing shall be given to the Northcentral Regional Office. Notification shall also be sent to the Division of Source Testing and Monitoring. Notification shall not be made without prior receipt of a protocol acceptance letter from the Department.

(c) If applicable, pursuant to 40 CFR § 60.8(a), 40 CFR § 61.13(f) and 40 CFR § 63.7(g), complete test reports shall be submitted to the Department no later than 60 calendar days after completion of the on-site testing portion of an EPA reference method test program.

(d) Pursuant to 25 Pa. Code § 139.53(b) a complete test report shall include a summary of the emission results on the first page of the report indicating if each pollutant measured is within permitted limits and a statement of compliance or noncompliance with all applicable permit conditions. The summary results will include, at a minimum, the following information:

1. A statement that the owner or operator has reviewed the report from the emissions testing body and agrees with the findings.
2. Permit number(s) and condition(s) which are the basis for the evaluation.
3. Summary of results with respect to each applicable permit condition.

**SECTION C. Site Level Requirements**

4. Statement of compliance or non-compliance with each applicable permit condition.

(e) Pursuant to 25 Pa. Code § 139.3, all submittals shall meet all applicable requirements specified in the most current version of the Department's Source Testing Manual.

(f) All testing shall be performed in accordance with the provisions of Chapter 139 of the Rules and Regulations of the Department of Environmental Protection.

(g) Pursuant to 25 Pa. Code §§ 139.53(a)(1) and 139.53(a)(3), electronic copies of all submittals, besides notifications, shall be sent to the Northcentral Regional Office Air Quality Program Manager, with deadlines verified. In addition, an electronic copy shall be sent to the PSIMS Administrator in Central Office. Email addresses are provided on the PA DEP website.

(h) The permittee shall insure all federal reporting requirements contained in the applicable subpart of 40 CFR are followed, including timelines more stringent than those contained herein. In the event of an inconsistency or any conflicting requirements between state and the federal, the most stringent provision, term, condition, method or rule shall be used by default.

**# 009 [25 Pa. Code §127.513]**

**Compliance certification.**

The Department specifically reserves the right to require testing of a source at any time if it has the reason to believe that the emission limitations set forth in any condition of this permit are being exceeded.

**# 010 [25 Pa. Code §139.1]**

**Sampling facilities.**

Upon the request of the Department, the permittee shall provide adequate sampling ports, safe sampling platforms and adequate utilities for the performance by the Department of tests on such source. The Department will set forth, in the request, the time period in which the facilities shall be provided as well as the specifications for such facilities.

**# 011 [25 Pa. Code §139.11]**

**General requirements.**

(a) As specified in 25 Pa. Code Section 139.11(1), performance tests shall be conducted while the source is operating at maximum routine operating conditions or under such other conditions, within the capacity of the equipment, as may be requested by the Department.

(b) As specified in 25 Pa. Code Section 139.11(2), the Department will consider test results for approval where sufficient information is provided to verify the source conditions existing at the time of the test and where adequate data is available to show the manner in which the test was conducted. Information submitted to the Department shall include, as a minimum, all of the following:

(1) A thorough source description, including a description of any air cleaning devices and the flue.

(2) Process conditions, for example, the charging rate of raw material or rate of production of final product, boiler pressure, oven temperature and other conditions which may effect emissions from the process.

(3) The location of sampling ports.

(4) Effluent characteristics, including velocity, temperature, moisture content, gas density (percentage of CO, CO<sub>2</sub>, O<sub>2</sub> and N<sub>2</sub>), static and barometric pressures.

(5) Sample collection techniques employed, including procedures used, equipment descriptions and data to verify that isokinetic sampling for particulate matter collection occurred and that acceptable test conditions were met.

(6) Laboratory procedures and results.

(7) Calculated results.



**SECTION C. Site Level Requirements****III. MONITORING REQUIREMENTS.****# 012 [25 Pa. Code §123.43]****Measuring techniques**

Visible emissions may be measured using either of the following:

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

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

(a) The permittee shall conduct a weekly inspection of the facility during daylight hours while the facility is operating to detect visible emissions, fugitive visible emissions and malodorous air emissions. Weekly inspections are necessary to determine:

- (1) the presence of visible emissions.
- (2) the presence of visible fugitive emissions.
- (3) the presence of malodors beyond the facility's property boundaries.

(b) All detected visible emissions, visible fugitive emissions or malodors that have the potential to exceed applicable limits shall be reported to the manager of the facility.

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

The permittee shall keep records of the supporting calculations used to verify compliance with the annual nitrogen oxide (NOx) and volatile organic compound (VOC) emission limitations for all sources of the entire facility.

These records shall be retained for a minimum of 5 years and shall be made available to the Department upon request.

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

(a) The permittee shall maintain a logbook of the facility inspections performed. The logbook shall include the name of the company representative performing each inspection, the date and time of each inspection, whether any visible emissions or visible fugitive emissions were observed, whether any odors were detected at the facility boundaries, whether any observed visible emissions, visible fugitive emissions or odor emissions were determined to be in excess of the applicable regulatory limits and the name of the manager informed if a potential exceedance is observed. The permittee shall also record any and all corrective action(s) taken to abate each recorded deviation or prevent future occurrences.

(b) All records generated pursuant to this condition shall be retained for a minimum of five years and shall be made available to the Department upon request.

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

(a) The permittee shall keep records of tests or fuel certification reports of the percent sulfur by weight for each delivery of the #2 fuel oil delivered to the facility to verify compliance with the 0.0015% by weight sulfur content limitation,

OR

the permittee shall keep records of fuel certification reports obtained yearly from the #2 fuel oil supplier containing the name of the fuel oil supplier and stating that the sulfur percentage for each shipment of #2 fuel oil delivered to the facility during the year shall not exceed 0.0015% sulfur by weight.

**SECTION C. Site Level Requirements**

(b) The above records shall be retained for a minimum of five (5) years and shall be available to the Department upon request.

**# 017 [25 Pa. Code §135.5]****Recordkeeping**

(a) The permittee shall maintain records including computerized records that may be necessary to comply with 25 Pa. Code Sections 135.3. These 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.

(b) The above records shall be retained for a minimum of 5 years and shall be made available to the Department upon request.

**V. REPORTING REQUIREMENTS.****# 018 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall submit semiannual reports of the supporting calculations verifying compliance with the annual nitrogen oxide (NOx) and volatile organic compound (VOC) emission limitations for all sources of the entire facility.

The semiannual reports shall be submitted to the Department no later than September 1 (for January through June) and March 1 (for July through December of the previous year).

**# 019 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Upon request by the Department, the permittee shall submit all requested reports in accordance with the Department's suggested format.

**# 020 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall submit the semiannual reports of required monitoring to the Department by no later than September 1 (for the immediately-preceding January 1 through June 30 six consecutive month period) and March 1 (for the immediately-preceding July 1 through December 31 six consecutive month period).

**# 021 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code Section 135.3]

(a) The permittee shall submit by March 1 of each year an annual Air Information Management System (AIMS) emission report for the preceding calendar year. The report shall include information for all 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.

(b) A source owner may request an extension of time from the Department for the filing of an annual Air Information Management System (AIMS) emission report, and the Department may grant the extension for reasonable cause.

**# 022 [25 Pa. Code §127.442]****Reporting requirements.**

Malfunctions, Emergencies or Incidents of Excess Emissions

(a) The permittee shall report malfunctions, emergencies or incidents of 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.

**SECTION C. Site Level Requirements**

(b) When the malfunction, emergency or incident of 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, emergency or incident of excess emissions. The owner or operator shall submit a written or emailed report of instances of such malfunctions, emergencies or incidents of excess emissions to the Department within three (3) business days of the telephone report.

(c) The report shall describe the following:

1. name, permit or authorization number, and location of the facility,
2. nature and cause of the malfunction, emergency or incident,
3. date and time when the malfunction, emergency or incident was first observed,
4. expected duration of excess emissions,
5. estimated rate of emissions,
6. corrective actions or preventative measures taken.

(d) Any malfunction, emergency or incident of excess 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, emergencies or incidents of excess 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.****# 023 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

For any source specified in 25 Pa. Code Section 123.1 subsections (a)(1)-(7) or (a)(9), the permittee shall take all reasonable actions to prevent particulate matter from becoming airborne. These actions shall include, but not be limited to, the following:

- (1) Use, where possible, of water or chemicals for control of dust in the demolition of buildings or structures, construction operations, the grading of roads or the clearing of land.
- (2) Application of asphalt, oil, or suitable chemicals on dirt roads, material stockpiles and other surfaces which may give rise to airborne dusts.
- (3) Paving and maintenance of roadways.
- (4) 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 other means.

**VII. ADDITIONAL REQUIREMENTS.****# 024 [25 Pa. Code §121.7]****Prohibition of air pollution.**

No person may permit air pollution as that term is defined in the Pennsylvania Air Pollution Control Act (35 P.S. §§ 4001-4015).

**SECTION C. Site Level Requirements****# 025 [25 Pa. Code §123.31]****Limitations**

No person may permit the emission into the outdoor atmosphere of any malodorous air contaminants from any source in a manner that the malodors are detectable outside the property of the person on whose land the source is being operated.

**# 026 [25 Pa. Code §129.14]****Open burning operations**

No person may permit the open burning of material at this facility unless in accordance with 25 Pa. Code Section 129.14.

**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**

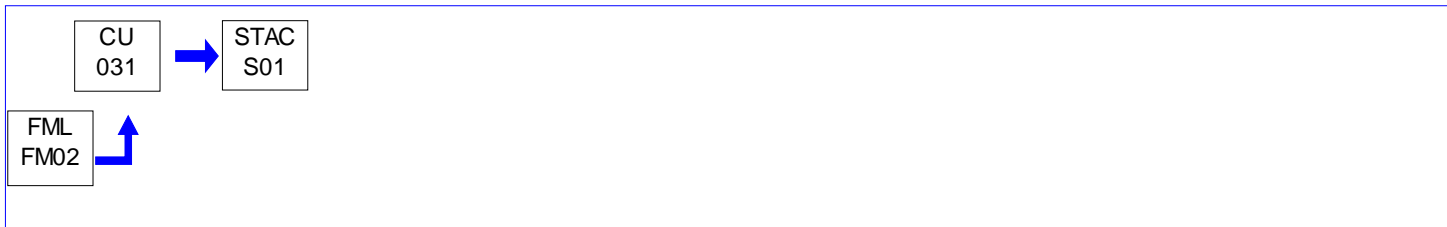
Source ID: 031

Source Name: BABCOCK &amp; WILCOX 1

Source Capacity/Throughput: 162.500 MMBTU/HR

0.162 MMCF/HR

Natural Gas

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

No person may permit the emission into the outdoor atmosphere of particulate matter from Source ID 031 in excess of the following:

(1) The rate of 0.4 pound per million Btu of heat input, when the heat input to the combustion unit in millions of Btus per hour is greater than 2.5 but less than 50.

(2) The rate determined by the following formula:  $A = 3.6E^{(-0.56)}$  where

A = Allowable emissions in pounds per million BTUs of heat input, and

E = Heat input to the combustion unit in millions of BTUs per hour, when  
E is equal to or greater than 50 but less than 600.

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

[Compliance with the requirement specified in this streamlined permit condition assures compliance with the provision in 40 CFR 52.2020(C)]

The permittee shall not permit the emission of sulfur oxides, expressed as sulfur dioxide (SO<sub>2</sub>), into the outdoor atmosphere from Source ID 031 in excess of the rate of 4 pounds per million Btu of heat input over any 1-hour period.

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

[Additional authority for this permit condition is also derived from 25 Pa. Code Sections 129.91-129.95]

Whenever Source ID 031 is fired with natural gas, the following emission limitations shall apply:

(a) For heat input rates up to and including 78 million Btu per hour, the nitrogen oxides emissions, expressed as NO<sub>2</sub>, from Source ID 031 shall not exceed 0.16 pounds per million Btu of heat input.

(b) For heat input rates above 78 million Btu per hour up to and including 128 million Btu per hour, the nitrogen oxides emissions, expressed as NO<sub>2</sub>, from Source ID 031 shall not exceed 0.197 pounds per million Btu of heat input.

(c) For heat input rates above 128 million Btu per hour, the nitrogen oxides emissions, expressed as NO<sub>2</sub>, from Source ID 031 shall not exceed 0.22 pounds per million Btu of heat input.

**SECTION D. Source Level Requirements****Fuel Restriction(s).****# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from the permittee requesting this limitation and 25 Pa. Code Section 123.22(a)(2)]

Source ID 031 shall be fired only on natural gas.

**Throughput Restriction(s).****# 005 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from the permittee requesting this synthetic minor limitation]

The total combined heat input to Source IDs 031 and 033 shall not exceed 1,100,000 MMBtu during any 12 consecutive month period, calculated as a monthly rolling limit.

**II. TESTING REQUIREMENTS.****# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) Source ID 031 shall be stack tested in accordance with EPA reference method test procedures acceptable to the Department for nitrogen oxides emissions prior to July 1, 2026, and approximately every five years thereafter, to verify compliance with the nitrogen oxides emissions limitation for Source ID 031. The permittee shall follow the testing requirements as specified in Section C, Site Level Requirements.

(b) The Department reserves the right to change the frequency of the stack testing for Source ID 031.

**# 007 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Upon request by the Department, the permittee shall provide fuel analyses and/ or samples of the fuel being fired in Source ID 031.

**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.****# 008 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code Sections 129.91-129.95]

The permittee shall record each adjustment conducted on Source ID 031 in a permanently bound log book or other method approved by the Department. This log shall contain, at a minimum, the following information:

- (i) The date of the tuning procedure.
- (ii) The name of the service company and technicians.
- (iii) The final operating rate or load of Source ID 031.
- (iv) The final carbon monoxide and nitrogen oxides emission rates of Source ID 031.
- (v) The final excess oxygen rate of Source ID 031.

**SECTION D. Source Level Requirements****# 009 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code Sections 129.91-129.95]

(a) The permittee shall maintain comprehensive, accurate records of the following operating parameters for Source ID 031:

- (1) Type of fuel, percent sulfur (by weight) and daily fuel consumption.
- (2) Daily steam generation.
- (3) Flue gas oxygen content (continuous monitoring).

(b) The permittee shall keep records of supporting calculations to verify compliance with the nitrogen oxides, particulate matter and sulfur oxides emissions limitations for Source ID 031.

(c) These records shall be retained for a minimum of 5 years and shall be made available to the Department upon request.

**# 010 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall maintain records of the total heat input to Source IDs 031 and 033, on a monthly basis, in order to demonstrate compliance with the throughput limitation in any 12 consecutive month period. The total heat input to the boilers shall be calculated through documenting the monthly usage of natural gas and/or #2 fuel oil and the BTU content of the individual fuels.

These records shall be retained for a minimum of 5 years and shall be made available to the Department upon request.

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

[Additional authority for this permit condition is also derived from 25 Pa. Code Sections 129.91- 129.95]

(a) The permittee shall perform tune-ups on Source ID 031 once per year.

(b) The tune-ups, shall be performed as follows:

(1) Inspection, adjustment, cleaning or replacement of fuel-burning equipment, including the burners and moving parts necessary for proper operation as specified by the manufacturer.

(2) Inspection of the flame pattern or characteristics and adjustments necessary to minimize total emissions of nitrogen oxides, and to the extent practicable minimize emissions of carbon monoxide.

(3) Inspection of the air-to-fuel ratio control system and adjustments necessary to ensure proper calibration as specified by the manufacturer.

(4) The permittee shall make the annual adjustment in accordance with the EPA document Combustion Efficiency Optimization Manual for Operators of Oil and Gas-Fired Boilers, September 1993 (EPA-340/1-83-023) or equivalent procedures approved in writing by the Department.

(c) The Department reserves the right to change the frequency of tune-ups for Source ID 031.

**SECTION D. Source Level Requirements****VII. ADDITIONAL REQUIREMENTS.****# 012 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Source ID 031 is a 162.5 MMBTU per hour Babcock & Wilcox model D PF1 17-0-15 natural gas-fired boiler (boiler #1).

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

[Additional authority for this permit condition is also derived from 25 Pa. Code Sections 129.91-129.95]

The permittee shall implement the "Low Excess Air Combustion Modification/Fine Tune Process" for Source ID 031 which was identified in the RACT proposal and supplemental materials submitted by the company.



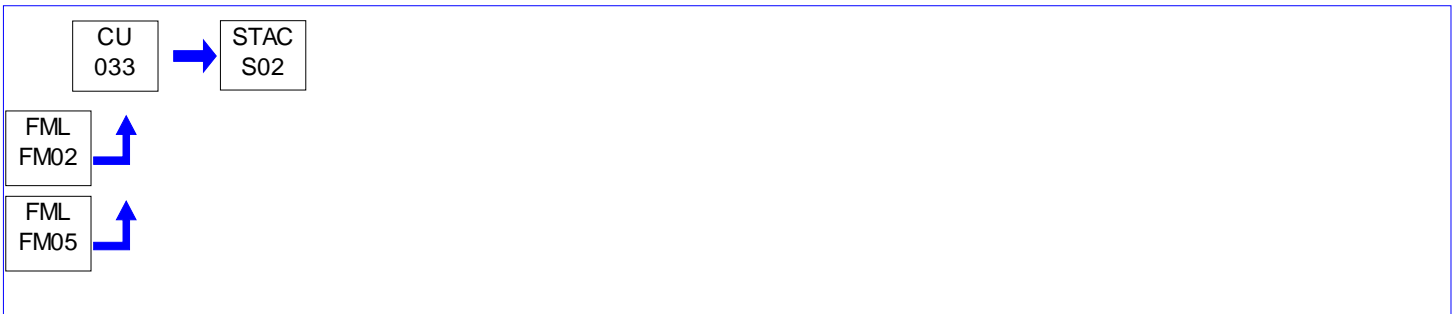
**SECTION D. Source Level Requirements**

Source ID: 033

Source Name: BABCOCK &amp; WILCOX 2

Source Capacity/Throughput: 68.900 MMBTU/HR

0.068 MMCF/HR Natural Gas

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

No person may permit the emission into the outdoor atmosphere of particulate matter from Source ID 033 in excess of the following:

(1) The rate of 0.4 pound per million Btu of heat input, when the heat input to the combustion unit in millions of Btus per hour is greater than 2.5 but less than 50.

(2) The rate determined by the following formula:  $A = 3.6E^{-0.56}$   
where

A = Allowable emissions in pounds per million BTUs of heat input, and

E = Heat input to the combustion unit in millions of BTUs per hour, when  
E is equal to or greater than 50 but less than 600.

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

[Compliance with the requirement specified in this streamlined permit condition assures compliance with the provision in 40 CFR 52.2020(C)]

The permittee shall not permit the emission of sulfur oxides, expressed as sulfur dioxide (SO<sub>2</sub>), into the outdoor atmosphere from Source ID 033 in excess of the rate of 4 pounds per million Btu of heat input over any 1-hour period.

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

[Additional authority for this permit condition is also derived from 25 Pa. Code Sections 129.91-129.95]

Whenever Source ID 033 is fired with natural gas, the nitrogen oxides emissions, expressed as NO<sub>2</sub>, shall not exceed 0.14 pounds per million Btu of heat input.

**Fuel Restriction(s).****# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 40 CFR §63.11195(e)]

(a) Source ID 033 shall only burn #2 fuel oil during periods of gas curtailment, gas supply interruption, startups, or periodic testing on #2 fuel oil. Periodic testing of #2 fuel oil shall not exceed a combined total of 48 hours during any calendar year.

**SECTION D. Source Level Requirements**

(b) A gas curtailment or supply interruption means a period of time during which the supply of gaseous fuel to Source ID 033 is restricted or halted for reasons beyond the control of the facility. The act of entering into a contractual agreement with a supplier of natural gas established for curtailment purposes does not constitute a reason that is under the control of a facility for the purposes of this definition. An increase in the cost or unit price of natural gas due to normal market fluctuations not during periods of supplier delivery restriction does not constitute a period of natural gas curtailment or supply interruption. On-site gaseous fuel system emergencies or equipment failures qualify as periods of supply interruption when the emergency or failure is beyond the control of the facility.

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

[Additional authority for this permit condition is also derived from the permittee requesting this limitation and 25 Pa. Code Sections 123.22(a)(2) and 127.441]

(a) Source ID 033 shall be fired on natural gas or #2 fuel oil to which there has been no reclaimed or waste oil or other waste materials added.

(b) The sulfur content of #2 fuel oil fired in Source ID 033 shall not exceed 0.0015% (by weight) at any time, except for that #2 fuel oil stored at the facility prior to September 1, 2020 which met the applicable maximum allowable sulfur content for commercial fuel oil at the time it was stored may be used by the permittee on and after September 1, 2020.

**Throughput Restriction(s).****# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from the permittee requesting this synthetic minor limitation]

The total combined heat input to Source IDs 031 and 033 shall not exceed 1,100,000 MMBtu during any 12 consecutive month period, calculated as a monthly rolling limit.

**# 007 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from the permittee taking this synthetic minor restriction to avoid triggering non-attainment NSR and PSD applicability]

The combustion of #2 fuel oil in Source ID 033 shall not exceed 3,372,560 gallons in any 12 consecutive month period, calculated as a monthly rolling limit.

**II. TESTING REQUIREMENTS.****# 008 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Upon request by the Department, the permittee shall provide fuel analyses and/ or samples of the fuel being fired in Source ID 033.

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

(a) Source ID 033 shall be stack tested in accordance with EPA reference method test procedures acceptable to the Department for nitrogen oxides emissions prior to July 1, 2026, and approximately every five years thereafter, to verify compliance with the nitrogen oxides emissions limitation for Source ID 033. The permittee shall follow the testing requirements as specified in Section C, Site Level Requirements.

(b) The Department reserves the right to change the frequency of the stack testing for Source ID 033.

**SECTION D. Source Level 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.****# 010 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code Sections 129.91-129.95]

The permittee shall record each adjustment conducted on Source ID 033 in a permanently bound log book or other method approved by the Department. This log shall contain, at a minimum, the following information:

- (i) The date of the tuning procedure.
- (ii) The name of the service company and technicians.
- (iii) The final operating rate or load of Source ID 033.
- (iv) The final carbon monoxide and nitrogen oxides emission rates of Source ID 033.
- (v) The final excess oxygen rate of Source ID 033.

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

[Additional authority for this permit condition is also derived from 25 Pa. Code Sections 129.91-129.95]

(a) The permittee shall maintain comprehensive, accurate records of the following operating parameters for Source ID 033:

- (1) Type of fuel, percent sulfur(by weight) and daily fuel consumption.
- (2) Daily steam generation.
- (3) Flue gas oxygen content (continuous monitoring).

(b) The permittee shall keep records of supporting calculations to verify compliance with the nitrogen oxides, particulate matter and sulfur oxides emissions limitations for Source ID 033.

(c) These records shall be retained for a minimum of 5 years and shall be made available to the Department upon request.

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

The permittee shall maintain records of the total heat input to Source IDs 031 and 033, on a monthly basis, in order to demonstrate compliance with the throughput limitation in any 12 consecutive month period. The total heat input to the boilers shall be calculated through documenting the monthly usage of natural gas and/or #2 fuel oil and the BTU content of the individual fuels.

These records shall be retained for a minimum of 5 years and shall be made available to the Department upon request.

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

(a) The permittee shall maintain comprehensive, accurate records of the following details for any period of #2 fuel oil combustion in Source ID 033:

- (1) The start and end times of the period #2 fuel oil combustion.

**SECTION D. Source Level Requirements**

- (2) The quantity of #2 fuel oil combusted.
- (3) The reason for operating the boiler on #2 fuel oil.
- (b) These records shall be retained for a minimum of 5 years and shall be made available to the Department upon request.

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

[Additional authority for this permit condition is also derived from 25 Pa. Code Sections 129.91- 129.95]

- (a) The permittee shall perform tune-ups on Source ID 033 once per year.
- (b) The tune-ups, shall be performed as follows:
- (1) Inspection, adjustment, cleaning or replacement of fuel-burning equipment, including the burners and moving parts necessary for proper operation as specified by the manufacturer.
  - (2) Inspection of the flame pattern or characteristics and adjustments necessary to minimize total emissions of nitrogen oxides, and to the extent practicable minimize emissions of carbon monoxide.
  - (3) Inspection of the air-to-fuel ratio control system and adjustments necessary to ensure proper calibration as specified by the manufacturer.
  - (4) The permittee shall make the annual adjustment in accordance with the EPA document Combustion Efficiency Optimization Manual for Operators of Oil and Gas-Fired Boilers, September 1993 (EPA-340/1-83-023) or equivalent procedures approved in writing by the Department.
- (c) The Department reserves the right to change the frequency of tune-ups for Source ID 033.

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

Source ID 033 is a 68.9 MMBTU per hour Babcock & Wilcox model FM-10-66 natural gas/#2 fuel oil fired boiler (boiler #2).

**SECTION D. Source Level Requirements**

Source ID: 035

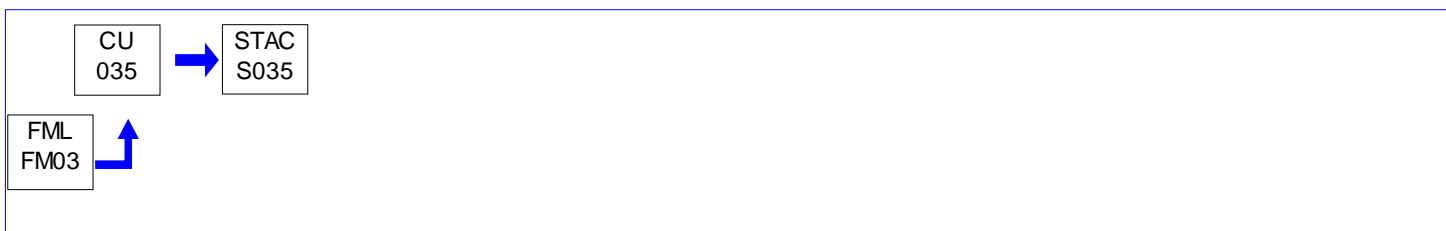
Source Name: BRYAN WATER BOILER

Source Capacity/Throughput:

0.900 MMBTU/HR

1.000 Gal/HR

Liquid Petroleum Gas (Lpg)

**I. RESTRICTIONS.****Emission Restriction(s).**

# 001 [25 Pa. Code §123.22]

**Combustion units**

[Compliance with the requirement specified in this streamlined permit condition assures compliance with the provision in 40 CFR 52.2020(C)]

The permittee shall not permit the emission of sulfur oxides, expressed as sulfur dioxide (SO<sub>2</sub>), into the outdoor atmosphere from Source ID 035 in excess of the rate of 4 pounds per million Btu of heat input over any 1-hour period.

**Fuel Restriction(s).**

# 002 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

Source ID 035 shall only be fired on liquid petroleum gas (LPG).

**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.**

# 003 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code Section 129.93]

**SECTION D. Source Level Requirements**

The permittee shall operate and maintain Source ID 035 in accordance with the manufacturers' specifications and good air pollution control practices.

**VII. ADDITIONAL REQUIREMENTS.**

**# 004 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

Source ID 035 is a 0.9 MMBTU per hour Bryan model CL-90WT-S liquid petroleum gas (LPG) fired water boiler.

**SECTION D. Source Level Requirements**

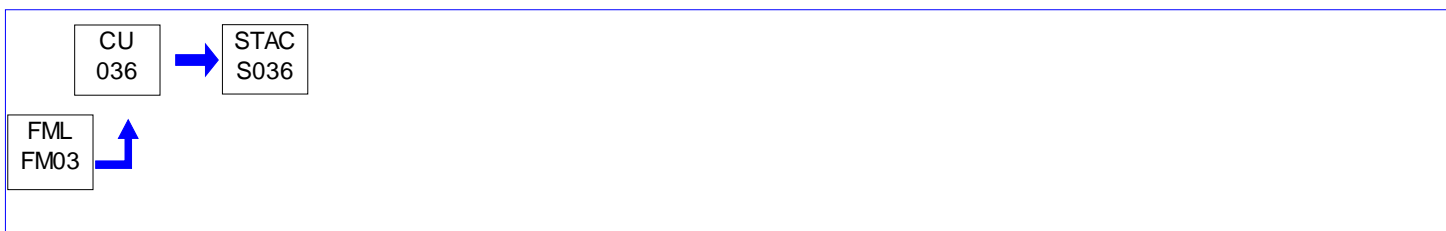
Source ID: 036

Source Name: WARM MORNING GAS HEATER (0.065MMBTU/HR)

Source Capacity/Throughput:

1.000 Gal/HR

Liquid Petroleum Gas (Lpg)

**I. RESTRICTIONS.****Emission Restriction(s).**

# 001 [25 Pa. Code §123.22]

**Combustion units**

[Compliance with the requirement specified in this streamlined permit condition assures compliance with the provision in 40 CFR 52.2020(C)]

The permittee shall not permit the emission of sulfur oxides, expressed as sulfur dioxide (SO<sub>2</sub>), into the outdoor atmosphere from Source ID 036 in excess of the rate of 4 pounds per million Btu of heat input over any 1-hour 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.**

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.**

# 002 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code Section 129.93]

The permittee shall operate and maintain Source ID 036 in accordance with the manufacturers' specifications and good air pollution control practices.

**SECTION D. Source Level Requirements****VII. ADDITIONAL REQUIREMENTS.****# 003 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Source ID 036 is a 0.065 MMBTU per hour Locke Stove Company model VR-65C MAB liquid petroleum gas(LPG) Warm-Morning heater.



**SECTION D. Source Level Requirements**

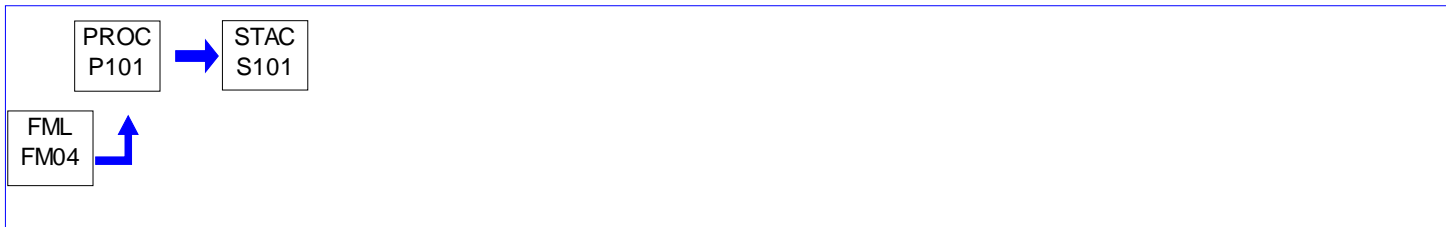
Source ID: P101

Source Name: 150HP DIESEL FIRE WATER PUMP

Source Capacity/Throughput:

9.000 Gal/HR

#2 Oil

**I. RESTRICTIONS.****Emission Restriction(s).**

# 001 [25 Pa. Code §123.13]

**Processes**

The concentration of particulate matter in the exhaust of Source ID P101 shall not exceed 0.04 grains per dry standard cubic foot of effluent gas volume.

# 002 [25 Pa. Code §123.21]

**General**

The concentration of sulfur oxides, expressed as sulfur dioxide (SO<sub>2</sub>), in the exhaust from Source ID P101 shall not exceed 500 parts per million, by volume, dry basis.

**Fuel Restriction(s).**

# 003 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 123.22(a)(2)]

(a) Source ID P101 shall only be fired on diesel fuel/#2 fuel oil to which no reclaimed or waste oil or other materials has been added.

(b) The sulfur content of #2 fuel oil fired in Source ID P101 shall not exceed 0.0015% (by weight) at any time, except for that #2 fuel oil stored at the facility prior to September 1, 2020 which met the applicable maximum allowable sulfur content for commercial fuel oil at the time it was stored may be used by the permittee on and after September 1, 2020.

**Operation Hours Restriction(s).**

# 004 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code Section 129.93]

Source ID P101 shall not be operated more than 500 hours in any 12 consecutive month period.

# 005 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 40 CFR Section 63.6640(f)]

(f) If you own or operate an emergency stationary ICE, you must operate the emergency stationary ICE according to the requirements in paragraphs (f)(1) through (3) of this section. In order for the engine to be considered an emergency stationary ICE under this subpart, any operation other than emergency operation, maintenance and testing, emergency demand response, and operation in non-emergency situations for 50 hours per year, as described in paragraphs (f)(1) through (3) of this section, is prohibited.

**SECTION D. Source Level Requirements**

- (1) There is no time limit on the use of emergency stationary ICE in emergency situations.
- (2) You may operate your emergency stationary ICE for the purposes specified in paragraphs (f)(2)(i) of this section for a maximum of 100 hours per calendar year. Any operation for non-emergency situations as allowed by paragraph (f)(3) of this section counts as part of the 100 hours per calendar year allowed by this paragraph (f)(2).
- (i) Emergency stationary ICE may be operated for maintenance checks and readiness testing, provided that the tests are recommended by federal, state or local government, the manufacturer, the vendor, the regional transmission organization or equivalent balancing authority and transmission operator, or the insurance company associated with the engine. The owner or operator may petition the Administrator for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the owner or operator maintains records indicating that federal, state, or local standards require maintenance and testing of emergency ICE beyond 100 hours per calendar year.
- (3) Emergency stationary ICE may be operated for up to 50 hours per calendar year in non-emergency situations. The 50 hours of operation in non-emergency situations are counted as part of the 100 hours per calendar year for maintenance and testing and emergency demand response provided in paragraph (f)(2) of this section. The 50 hours per calendar year for non-emergency situations cannot be used for peak shaving or nonemergency demand response, or to generate income for a facility to an electric grid or otherwise supply power as part of a financial arrangement with another entity.

**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.**

**# 006 [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?**  
 Pursuant to 40 CFR §63.6625(f), the reciprocating internal combustion engine included in Source ID P101 must be equipped with a non-resettable hour meter.

**IV. RECORDKEEPING REQUIREMENTS.**

**# 007 [25 Pa. Code §127.441]**  
**Operating permit terms and conditions.**  
 (a) The permittee shall keep comprehensive and accurate records of the number of hours Source ID P101 operates each month to verify compliance with the hours of operation limitation in any 12 consecutive month period.  
 (b) These records shall be retained for a minimum of 5 years and made available to the Department upon request.

**# 008 [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?**  
 [Additional authority for this permit condition is also derived from 40 CFR §63.6660]  
 (a) The permittee shall create records pertaining to the emergency engine included in Source ID P101 as specified in 40 CFR §§63.6655.  
 (b) The permittee shall 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.

**SECTION D. Source Level Requirements****V. REPORTING REQUIREMENTS.****# 009 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall submit annual reports to the Department of the supporting documentation verifying compliance with the hours of operation limitation in any 12 consecutive month period for Source ID P101.

(b) The annual report shall be submitted to the Department no later than March 1 for the previous 12 consecutive month period.

**# 010 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.13]****Subpart A--General Provisions****Addresses of State air pollution control agencies and EPA Regional Offices.**

(a) The submission of all requests, reports, applications, submittals and other communications required by 40 CFR Sections 63.6580 through 63.6675 shall be made to both the Department of Environmental Protection and the Environmental Protection Agency. The Environmental Protection Agency copies may be sent to:

Associate Director  
Office of Air Enforcement and Compliance Assistance 3AP20  
U. S. EPA, Region III  
1650 Arch Street  
Philadelphia, PA 19103-2029

(b) Reports that are submitted electronically to EPA's Central Data Exchange must be sent to the following website:

<https://cdx.epa.gov/>

**VI. WORK PRACTICE REQUIREMENTS.****# 011 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code Section 129.93]

The permittee shall operate and maintain Source ID P101 in accordance with the manufacturers' specifications and good air pollution control practices.

**# 012 [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?**

Pursuant to 40 CFR §63.6605(b), at all times the permittee must operate and maintain Source ID P101, including associated monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions.

**# 013 [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?**

Pursuant to 40 CFR §63.6625(e)(3), the permittee shall operate and maintain the reciprocating internal combustion engine included in Source ID P101 according to the manufacturer's emission-related written instructions or develop its own maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions.

**# 014 [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?**



**SECTION D. Source Level Requirements**

[Additional authority for this permit condition is also derived from 40 CFR §§63.6603(a) and 63.6625(i)]

The permittee shall conduct the following maintenance on the emergency engine of Source ID P101:

- (a) Change oil and filter every 500 hours of operation or annually, whichever comes first; unless the optional oil analysis program in 40 CFR §63.6625(i) indicates the oil does not need to be changed;
- (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.**

**# 015 [25 Pa. Code §127.441]**  
**Operating permit terms and conditions.**  
 Source ID P101 is a 150hp Cummins model H61F diesel firewater pump.

**# 016 [25 Pa. Code §127.441]**  
**Operating permit terms and conditions.**  
 Source ID P101 is subject to 40 CFR Part 63 Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines. The permittee shall comply with all applicable requirements of 40 CFR §§63.6580 through 63.6675.

**SECTION D. Source Level Requirements**

Source ID: P102

Source Name: EMERGENCY POWER GENERATOR

Source Capacity/Throughput:

3.000 Gal/HR

Liquid Petroleum Gas (Lpg)

**I. RESTRICTIONS.****Emission Restriction(s).**

# 001 [25 Pa. Code §123.13]

**Processes**

The concentration of particulate matter in the exhaust of Source ID P102 shall not exceed 0.04 grains per dry standard cubic foot of effluent gas volume.

# 002 [25 Pa. Code §123.21]

**General**

The concentration of sulfur oxides, expressed as sulfur dioxide (SO<sub>2</sub>), in the exhaust from Source ID P102 shall not exceed 500 parts per million, by volume, dry basis.

**Fuel Restriction(s).**

# 003 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

Source ID P102 shall only be fired on liquid petroleum gas (LPG).

**Operation Hours Restriction(s).**

# 004 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code Section 129.93]

Source ID P102 shall not be operated more than 500 hours in any 12 consecutive month period.

# 005 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 40 CFR Section 63.6640(f)]

(f) If you own or operate an emergency stationary ICE, you must operate the emergency stationary ICE according to the requirements in paragraphs (f)(1) through (3) of this section. In order for the engine to be considered an emergency stationary ICE under this subpart, any operation other than emergency operation, maintenance and testing, emergency demand response, and operation in non-emergency situations for 50 hours per year, as described in paragraphs (f)(1) through (3) of this section, is prohibited.

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

(2) You may operate your emergency stationary ICE for the purposes specified in paragraphs (f)(2)(i) of this section for a maximum of 100 hours per calendar year. Any operation for non-emergency situations as allowed by paragraph (f)(3) of this section counts as part of the 100 hours per calendar year allowed by this paragraph (f)(2).

**SECTION D. Source Level Requirements**

(i) Emergency stationary ICE may be operated for maintenance checks and readiness testing, provided that the tests are recommended by federal, state or local government, the manufacturer, the vendor, the regional transmission organization or equivalent balancing authority and transmission operator, or the insurance company associated with the engine. The owner or operator may petition the Administrator for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the owner or operator maintains records indicating that federal, state, or local standards require maintenance and testing of emergency ICE beyond 100 hours per calendar year.

(3) Emergency stationary ICE may be operated for up to 50 hours per calendar year in non-emergency situations. The 50 hours of operation in non-emergency situations are counted as part of the 100 hours per calendar year for maintenance and testing and emergency demand response provided in paragraph (f)(2) of this section. The 50 hours per calendar year for non-emergency situations cannot be used for peak shaving or nonemergency demand response, or to generate income for a facility to an electric grid or otherwise supply power as part of a financial arrangement with another entity.

**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.**

**# 006 [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?**

Pursuant to 40 CFR §63.6625(f), the reciprocating internal combustion engine included in Source ID P102 must be equipped with a non-resettable hour meter.

**IV. RECORDKEEPING REQUIREMENTS.**

**# 007 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

(a) The permittee shall keep comprehensive and accurate records of the number of hours Source ID P102 operates each month to verify compliance with the hours of operation limitation in any 12 consecutive month period.

(b) These records shall be retained for a minimum of 5 years and made available to the Department upon request.

**# 008 [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?**

[Additional authority for this permit condition is also derived from 40 CFR §63.6660]

(a) The permittee shall create records pertaining to the emergency generator engine included in Source ID P102 as specified in 40 CFR §§63.6655.

(b) The permittee shall 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.

**V. REPORTING REQUIREMENTS.**

**# 009 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

(a) The permittee shall submit annual reports to the Department of the supporting documentation verifying compliance with the hours of operation limitation in any 12 consecutive month period for Source ID P102.

**SECTION D. Source Level Requirements**

(b) The annual report shall be submitted to the Department no later than March 1 for the previous 12 consecutive month period.

**# 010 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.13]****Subpart A--General Provisions****Addresses of State air pollution control agencies and EPA Regional Offices.**

(a) The submission of all requests, reports, applications, submittals and other communications required by 40 CFR Sections 63.6580 through 63.6675 shall be made to both the Department of Environmental Protection and the Environmental Protection Agency. The Environmental Protection Agency copies may be sent to:

Associate Director  
Office of Air Enforcement and Compliance Assistance 3AP20  
U. S. EPA, Region III  
1650 Arch Street  
Philadelphia, PA 19103-2029

(b) Reports that are submitted electronically to EPA's Central Data Exchange must be sent to the following website:

<https://cdx.epa.gov/>

**VI. WORK PRACTICE REQUIREMENTS.****# 011 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code Section 129.93]

The permittee shall operate and maintain Source ID P102 in accordance with the manufacturers' specifications and good air pollution control practices.

**# 012 [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?**

Pursuant to 40 CFR §63.6605(b), at all times the permittee must operate and maintain Source ID P102, including associated monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions.

**# 013 [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?**

Pursuant to 40 CFR §63.6625(e)(3), the permittee shall operate and maintain the reciprocating internal combustion engine included in Source ID P102 according to the manufacturer's emission-related written instructions or develop its own maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions.

**# 014 [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?**

[Additional authority for this permit condition is also derived from 40 CFR §§63.6603(a) and 63.6625(j)]

The permittee shall conduct the following maintenance on the emergency generator engine of Source ID P102:

**SECTION D. Source Level Requirements**

- (a) Change oil and filter every 500 hours of operation or annually, whichever comes first; unless the optional oil analysis program in 40 CFR §63.6625(j) indicates the oil does not need to be changed;
- (b) Inspect spark plugs 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.****# 015 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Source ID P102 is a 30 hp Onan Manufacturing model 15JC-3r131/8539s liquid petroleum gas(LPG) fired emergency power generator.

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

Source ID P102 is subject to 40 CFR Part 63 Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines. The permittee shall comply with all applicable requirements of 40 CFR §§63.6580 through 63.6675.

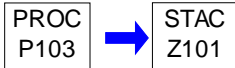


**SECTION D. Source Level Requirements**

Source ID: P103

Source Name: STORAGE TANKS

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).**

# 001 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The total combined volatile organic compound emissions from the 7500 gallon Kemira Fennopol ER9855UH storage tank incorporated in Source ID P103 shall not equal or exceed 2.7 tons in any 12 consecutive month period.

**Fuel Restriction(s).**

# 002 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code Section 129.56]

The permittee shall not store any liquid containing volatile organic compounds (VOCs) with a vapor pressure greater than 1.5 psia (10 kilopascals) under actual storage conditions in each storage tank of Source ID P103.

**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.**

# 003 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

(a) The permittee shall keep comprehensive and accurate records of the following information:

(b) A record of the vapor pressure of the contents of each storage tank of Source ID P103.

(c) The total quantity of Kemira Fennopol ER9855UH used each month.

(d) Up-to-date Certified Product Data Sheets (CPDSs) or Material Safety Data Sheets (MSDSs) that identify the volatile organic compounds content of the materials used in Source ID P103.

(e) The calculations used to demonstrate compliance with the volatile organic compounds emission limitation for the 7500 gallon Kemira Fennopol ER9855UH storage tank.

(f) These records shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

**SECTION D. Source Level Requirements****V. REPORTING REQUIREMENTS.****# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall submit annual reports to the Department of the supporting documentation verifying compliance with the volatile organic compounds emission limitation for the 7500 gallon Kemira Fennopol ER9855UH storage tank in any 12 consecutive month period.

(b) The annual report shall be submitted to the Department no later than March 1 for the previous 12 consecutive month period.

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

Source ID P103 consists of the following tanks:

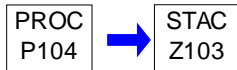
- (a) One 19,000 gallon Acrylamide Copolymer storage tank.
- (b) One 7500 gallon Kemira FennoSize AS2300 storage tank.
- (c) One 4000 gallon Phosphoric acid storage tank.
- (d) One 7500 gallon Kemira Fennopol ER9855UH storage tank.

**SECTION D. Source Level Requirements**

Source ID: P104

Source Name: TWO PARTS WASHERS

Source Capacity/Throughput:

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

The permittee shall keep up-to-date records of Certified Product Data Sheets (CPDSs) or Material Safety Data Sheets (MSDSs) that identify the hazardous material content of the cleaning solvent used in Source ID P104.

**# 002 [25 Pa. Code §129.63]****Degreasing operations**

(a) The permittee shall maintain comprehensive and accurate records of the following information for Source ID P104:

- (1) The name and address of the solvent supplier,
- (2) The type of solvent including the product or vendor identification number,
- (3) The vapor pressure of the solvent measured in mm of Hg at 68 degrees F.

(b) These records shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

**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.****# 003 [25 Pa. Code §129.63]****Degreasing operations**

Each parts washer of Source ID P104 shall have the following:

- (1) A permanent conspicuous label summarizing these operating requirements:

**SECTION D. Source Level Requirements**

-Waste solvent shall be collected and stored in a closed container. The closed container may contain a device that allows pressure relief, but does not allow liquid solvent to drip from the container.

-Flushing of Parts using a flexible hose or other flushing device shall be performed only within the cold cleaning machine. The solvent spray shall be a solid fluid stream, not an atomized or shower spray.

-Sponges, fabric, wood, leather, paper products, and other absorbent materials may not be cleaned in the cold cleaning machine.

-Air agitated solvent baths may not be used.

-Spills during solvent transfer and use of cold cleaning machine shall be cleaned up immediately.

(2) In addition, the label shall include the following discretionary good operating practices:

(a) Cleaned parts should be drained at least 15 seconds or until dripping ceases, whichever is longer. Parts having cavities or blind holes shall be tipped or rotated while the part is draining.

(b) During the draining, tipping or rotating, the parts should be positioned so that solvent drains directly back to the cold cleaning machine.

(c) Work area fans should be located and positioned so that they do not blow across the opening of the degreaser unit.

(3) Equipped with a cover that shall be closed at all times except during the cleaning of parts or the addition or removal of solvent.

**VII. ADDITIONAL REQUIREMENTS.**

**# 004 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

Source ID P104 consists of two (2) recirculatory parts washers each with 30 gallon capacity, installed 1969.

**# 005 [25 Pa. Code §129.63]**

**Degreasing operations**

After December 22, 2002 A person may not use or sell for use in a cold cleaning machine any solvent with a vapor pressure of 1.0 millimeter of mercury or greater and containing greater than 5% VOC by weight, measured at 68 degrees F containing VOCs.

**# 006 [25 Pa. Code §129.63]**

**Degreasing operations**

Source ID P104 is subject to 25 Pa. Code Section 129.63(a) (Degreasing Operations- Cold Cleaning Machines). The permittee shall comply with all applicable requirements specified in 25 Pa. Code Section 129.63(a).



**SECTION E. Source Group Restrictions.**



**SECTION F. Alternative Operation Requirements.**

No Alternative Operations exist for this State Only facility.



**SECTION G. Emission Restriction Summary.**

No emission restrictions listed in this section of the permit.



## SECTION H. Miscellaneous.

The following air contaminant sources are considered to the Department to be insignificant with regards to air contaminant emissions and have been determined to be exempt from permitting requirements. However, this determination does not exempt the sources from compliance with all applicable State and Federal regulation and all applicable air quality regulations specified in 25 Pa. Code Chapters 121-145:

- (a) One 500 gallon diesel fuel tank.
- (b) Three 1000 gallon liquid petroleum gas (LPG) tanks.
- (c) Four 100 gallon liquid petroleum gas (LPG) tanks.





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

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