



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

TITLE V/STATE OPERATING PERMIT

Issue Date: August 1, 2019 Effective Date: May 29, 2025
Revision Date: May 29, 2025 Expiration Date: May 28, 2030
Revision Type: Modification

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 applicable requirements unless otherwise designated as "State-Only" or "non-applicable" requirements.

TITLE V Permit No: 46-00048

Federal Tax Id - Plant Code: 88-0846571-1

Owner Information

Name: COLLEGEVILLE HOLDINGS LLC
Mailing Address: 500 ARCOLARD
COLLEGEVILLE, PA 19426-3982

Plant Information

Plant: COLLEGEVILLE HOLDINGS LLC/COLLEGEVILLE
Location: 46 Montgomery County 46957 Upper Providence Township
SIC Code: 8741 Services - Management Services

Responsible Official

Name: DIANA KIRSCH
Title: GEN MGR
Phone: (215) 963 - 4026 Email: diana.kirsch@cushwake.com

Permit Contact Person

Name: DIANA KIRSCH
Title: GEN MGR
Phone: (215) 963 - 4026 Email: diana.kirsch@cushwake.com

[Signature] _____
JILLIAN A. GALLAGHER, SOUTHEAST REGION AIR PROGRAM MANAGER



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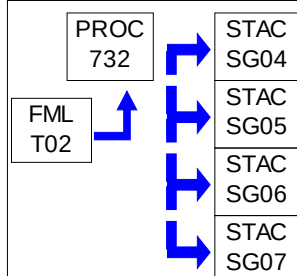
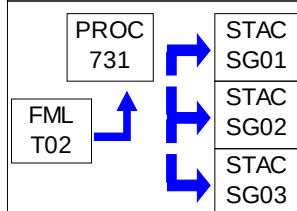
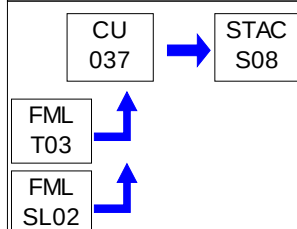
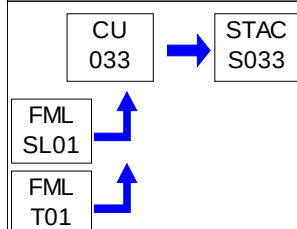
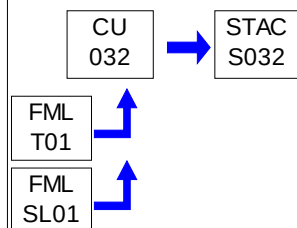
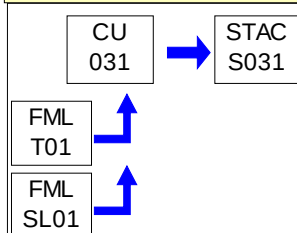
**SECTION A. Site Inventory List**

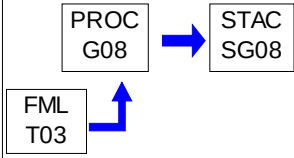
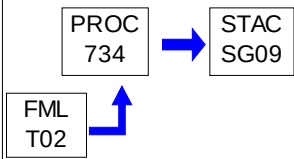
Source ID	Source Name	Capacity/Throughput	Fuel/Material
031	BOILER 1C, CUP-1	66.000 MMBTU/HR	
		64,080.000 CF/HR	Natural Gas
		475.000 Gal/HR	#2 Oil
032	BOILER 2B, CUP-1	66.000 MMBTU/HR	
		475.000 Gal/HR	#2 Oil
		64,080.000 CF/HR	Natural Gas
033	BOILER 3A, CUP-1	66.000 MMBTU/HR	
		475.000 Gal/HR	#2 Oil
		64,080.000 CF/HR	Natural Gas
037	BOILERS 1 & 2, CUP-2	29.200 MMBTU/HR	
		28,438.000 CF/HR	Natural Gas
		210.000 Gal/HR	#2 Oil
731	G01, G02, G03 EMERGENCY GENERATORS	287.100 Gal/HR	#2 Oil
732	G04, G05, G06, G07 EMERGENCY GENERATORS	462.000 Gal/HR	#2 Oil
734	G09 EMERGENCY GENERATOR	19.450 MMBTU/HR	
G08	G08 EMERGENCY GENERATOR	107.300 Gal/HR	#2 Oil
SL01	NATURAL GAS SUPPLY LINE CUP 1		
SL02	NATURAL GAS SUPPLY LINE CUP 2		
T01	TWO 40,000 GAL NO. 2 FUEL OIL TANKS (CUP1, TANKS 1 & 2)		
T02	10,000 GALLON DIESEL/NO. 2 HEATING OIL TANK (CUP 1, TANK 3)		
T03	5,000 GALLON NO.2 FUEL OIL STORAGE TANK (CUP 2, TANK 4)		
S031	STACK FOR BOILER 1C		
S032	STACK FOR BOILER 2B		
S033	STACK FOR BOILER 3A		
S08	STACK FOR CLEAVER BROOKS BOILERS 1 & 2		
SG01	STACK FOR EMERGENCY GENERATOR G01		
SG02	STACK FOR EMERGENCY GENERATOR G02		
SG03	STACK FOR EMERGENCY GENERATOR G03		
SG04	STACK FOR EMERGENCY GENERATOR G04		
SG05	STACK FOR EMERGENCY GENERATOR G05		
SG06	STACK FOR EMERGENCY GENERATOR G06		
SG07	STACK FOR EMERGENCY GENERATOR G07		
SG08	STACK FOR EMERGENCY GENERATOR G08		
SG09	STACK FOR EMERGENCY GENERATOR G09		

PERMIT MAPS



PERMIT MAPS



**PERMIT MAPS**

**SECTION B. General Title V 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 25 Pa. Code § 121.1.

#002 [25 Pa. Code § 121.7]**Prohibition of Air Pollution**

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

#003 [25 Pa. Code § 127.512(c)(4)]**Property Rights**

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

#004 [25 Pa. Code § 127.446(a) and (c)]**Permit Expiration**

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. The terms and conditions of the expired permit shall automatically continue pending issuance of a new Title V 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. 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.

#005 [25 Pa. Code §§ 127.412, 127.413, 127.414, 127.446(e), 127.503 & 127.704(b)]**Permit Renewal**

(a) An application for the renewal of the Title V permit shall be submitted to the Department at least six (6) months, and not more than 18 months, before the expiration date of this permit. The renewal application is timely if a complete application is submitted to the Department's Regional Air Manager within the timeframe specified in this permit condition.

(b) The application for permit renewal shall include the current permit number, the appropriate permit renewal fee, a description of any permit revisions and off-permit changes that occurred during the permit term, and any applicable requirements that were promulgated and not incorporated into the permit during the permit term. 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.

(c) 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. The application for renewal of the Title V permit shall also include submission of compliance review forms which have been used by the permittee to update information submitted in accordance with either 25 Pa. Code § 127.412(b) or § 127.412(j).

(d) 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 during the permit renewal process. The permittee shall also promptly provide additional information as necessary to address any requirements that become applicable to the source after the date a complete renewal application was submitted but prior to release of a draft permit.

#006 [25 Pa. Code §§ 127.450(a)(4) & 127.464(a)]**Transfer of Ownership or Operational Control**

(a) In accordance with 25 Pa. Code § 127.450(a)(4), a change in ownership or operational control of the source shall be treated as an administrative amendment if:

(1) The Department determines that no other change in the permit is necessary;

(2) 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,

(3) A compliance review form has been submitted to the Department and the permit transfer has been approved by

**SECTION B. General Title V Requirements**

the Department.

(b) In accordance with 25 Pa. Code § 127.464(a), this permit may not be transferred to another person except in cases of transfer-of-ownership which are documented and approved to the satisfaction of the Department.

#007 [25 Pa. Code § 127.513, 35 P.S. § 4008 and § 114 of the CAA]**Inspection and Entry**

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

(1) Enter at reasonable times upon the permittee's premises where a Title V 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 or remove, at reasonable times, records that are kept under the conditions of this permit;

(3) Inspect at reasonable times, 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, 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.

(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.

#008 [25 Pa. Code §§ 127.25, 127.444, & 127.512(c)(1)]**Compliance Requirements**

(a) The permittee shall comply with the conditions of this permit. Noncompliance with this permit constitutes a violation of the Clean Air Act and the Air Pollution Control Act and is grounds for one (1) or more of the following:

(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 to the source are 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 Title V permit.

#009 [25 Pa. Code § 127.512(c)(2)]**Need to Halt or Reduce Activity Not a Defense**

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

**SECTION B. General Title V Requirements****#010 [25 Pa. Code §§ 127.411(d) & 127.512(c)(5)]****Duty to Provide Information**

(a) The permittee shall furnish to the Department, within a reasonable time, information that the Department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit, or to determine compliance with the permit.

(b) Upon request, the permittee shall also furnish to the Department copies of records that the permittee is required to keep by this permit, or for information claimed to be confidential, the permittee may furnish such records directly to the Administrator of EPA along with a claim of confidentiality.

#011 [25 Pa. Code §§ 127.463, 127.512(c)(3) & 127.542]**Reopening and Revising the Title V Permit for Cause**

(a) This Title V permit may be modified, revoked, reopened and reissued or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay a permit condition.

(b) This permit may be reopened, revised and reissued prior to expiration of the permit under one or more of the following circumstances:

(1) Additional applicable requirements under the Clean Air Act or the Air Pollution Control Act become applicable to a Title V facility with a remaining permit term of three (3) or more years prior to the expiration date of this permit. The Department will revise the permit as expeditiously as practicable but not later than 18 months after promulgation of the applicable standards or regulations. No such revision is required if the effective date of the requirement is later than the expiration date of this permit, unless the original permit or its terms and conditions has been extended.

(2) Additional requirements, including excess emissions requirements, become applicable to an affected source under the acid rain program. Upon approval by the Administrator of EPA, excess emissions offset plans for an affected source shall be incorporated into the permit.

(3) The Department or the EPA determines that this permit contains a material mistake or inaccurate statements were made in establishing the emissions standards or other terms or conditions of this permit.

(4) The Department or the Administrator of EPA determines that the permit must be revised or revoked to assure compliance with the applicable requirements.

(c) Proceedings to revise this permit shall follow the same procedures which apply to initial permit issuance and shall affect only those parts of this permit for which cause to revise exists. The revision shall be made as expeditiously as practicable.

(d) Regardless of whether a revision is made in accordance with (b)(1) above, the permittee shall meet the applicable standards or regulations promulgated under the Clean Air Act within the time frame required by standards or regulations.

#012 [25 Pa. Code § 127.543]**Reopening a Title V Permit for Cause by EPA**

As required by the Clean Air Act and regulations adopted thereunder, this permit may be modified, reopened and reissued, revoked or terminated for cause by EPA in accordance with procedures specified in 25 Pa. Code § 127.543.

#013 [25 Pa. Code § 127.522(a)]**Operating Permit Application Review by the EPA**

The applicant may be required by the Department to provide a copy of the permit application, including the compliance plan, directly to the Administrator of the EPA. Copies of title V permit applications to EPA, pursuant to 25 PA Code §127.522(a), shall be submitted, if required, to the following EPA e-mail box:

R3_Air_Apps_and_Notices@epa.gov

Please place the following in the subject line: TV [permit number], [Facility Name].

**SECTION B. General Title V Requirements****#014 [25 Pa. Code § 127.541]****Significant Operating Permit Modifications**

When permit modifications during the term of this permit do not qualify as minor permit modifications or administrative amendments, the permittee shall submit an application for significant Title V permit modifications in accordance with 25 Pa. Code § 127.541. Notifications to EPA, pursuant to 25 PA Code §127.522(a), if required, shall be submitted, to the following EPA e-mail box:

R3_Air_Apps_and_Notices@epa.gov

Please place the following in the subject line: TV [permit number], [Facility Name].

#015 [25 Pa. Code §§ 121.1 & 127.462]**Minor Operating Permit Modifications**

The permittee may make minor operating permit modifications (as defined in 25 Pa. Code §121.1), on an expedited basis, in accordance with 25 Pa. Code §127.462 (relating to minor operating permit modifications). Notifications to EPA, pursuant to 25 PA Code §127.462(c), if required, shall be submitted, to the following EPA e-mail box:

R3_Air_Apps_and_Notices@epa.gov

Please place the following in the subject line: TV [permit number], [Facility Name].

#016 [25 Pa. Code § 127.450]**Administrative Operating Permit Amendments**

(a) The permittee may request administrative operating permit amendments, as defined in 25 Pa. Code §127.450(a). Copies of request for administrative permit amendment to EPA, pursuant to 25 PA Code §127.450(c)(1), if required, shall be submitted to the following EPA e-mail box:

R3_Air_Apps_and_Notices@epa.gov

Please place the following in the subject line: TV [permit number], [Facility Name].

(b) Upon final action by the Department granting a request for an administrative operating permit amendment covered under §127.450(a)(5), the permit shield provisions in 25 Pa. Code § 127.516 (relating to permit shield) shall apply to administrative permit amendments incorporated in this Title V Permit in accordance with §127.450(c), unless precluded by the Clean Air Act or the regulations thereunder.

#017 [25 Pa. Code § 127.512(b)]**Severability Clause**

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

#018 [25 Pa. Code §§ 127.704, 127.705 & 127.707]**Fee Payment**

(a) The permittee shall pay fees to the Department in accordance with the applicable fee schedules in 25 Pa. Code Chapter 127, Subchapter I (relating to plan approval and operating permit fees). 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.

(b) Emission Fees. The permittee shall, on or before September 1st of each year, pay applicable annual Title V emission fees for emissions occurring in the previous calendar year as specified in 25 Pa. Code § 127.705. The permittee is not required to pay an emission fee for emissions of more than 4,000 tons of each regulated pollutant emitted from the facility.

(c) As used in this permit condition, the term "regulated pollutant" is defined as a VOC, each pollutant regulated under Sections 111 and 112 of the Clean Air Act and each pollutant for which a National Ambient Air Quality Standard has been promulgated, except that carbon monoxide is excluded.

**SECTION B. General Title V Requirements**

(d) Late Payment. Late payment of emission fees will subject the permittee to the penalties prescribed in 25 Pa. Code § 127.707 and may result in the suspension or termination of the Title V permit. The permittee shall pay a penalty of fifty percent (50%) of the fee amount, plus interest on the fee amount computed in accordance with 26 U.S.C.A. § 6621(a)(2) from the date the emission fee should have been paid in accordance with the time frame specified in 25 Pa. Code § 127.705(c).

(e) The permittee shall pay an annual operating permit maintenance fee according to the following fee schedule established in 25 Pa. Code § 127.704(d) on or before December 31 of each year for the next calendar year.

(1) Eight thousand dollars (\$8,000) for calendar years 2021—2025.

(2) Ten thousand dollars (\$10,000) for calendar years 2026—2030.

(3) Twelve thousand five hundred dollars (\$12,500) for the calendar years beginning with 2031.

#019 [25 Pa. Code §§ 127.14(b) & 127.449]**Authorization for De Minimis Emission Increases**

(a) This permit authorizes de minimis emission increases from a new or existing source in accordance with 25 Pa. Code §§ 127.14 and 127.449 without the need for a plan approval or prior issuance of a permit modification. The permittee shall provide the Department with seven (7) days prior written notice before commencing any de minimis emissions increase that would result from either: (1) a physical change of minor significance under § 127.14(c)(1); or (2) the construction, installation, modification or reactivation of an air contamination source. 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.

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

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

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

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

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

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

(c) In accordance with § 127.14, the permittee may install the following minor sources without the need for a plan approval:

(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.

**SECTION B. General Title V Requirements**

(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, liquefied petroleum gas 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.

(d) 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 (b)(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 the Air Pollution Control Act, the Clean Air Act, or the regulations promulgated under either of the acts.

(4) Changes which are modifications under any provision of Title I of the Clean Air Act and emission increases which would exceed the allowable emissions level (expressed as a rate of emissions or in terms of total emissions) under the Title V permit.

(e) Unless precluded by the Clean Air Act or the regulations thereunder, the permit shield described in 25 Pa. Code § 127.516 (relating to permit shield) shall extend to the changes made under 25 Pa. Code § 127.449 (relating to de minimis emission increases).

(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 allowed under this permit, 25 Pa. Code § 127.449, or sources and physical changes meeting the requirements of 25 Pa. Code § 127.14, the permittee is prohibited from making physical 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.

#020 [25 Pa. Code §§ 127.11a & 127.215]**Reactivation of Sources**

(a) The permittee may reactivate a source at the facility that has been out of operation or production for at least one year, but less than or equal to five (5) years, if the source is reactivated in accordance with the requirements of 25 Pa. Code §§ 127.11a and 127.215. The reactivated source will not be considered a new source.

(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).

#021 [25 Pa. Code §§ 121.9 & 127.216]**Circumvention**

(a) The owner of this Title V facility, or any other person, may not circumvent the new source review requirements of 25 Pa. Code Chapter 127, Subchapter E by causing or allowing a pattern of ownership or development, including the

**SECTION B. General Title V Requirements**

phasing, staging, delaying or engaging in incremental construction, over a geographic area of a facility which, except for the pattern of ownership or development, would otherwise require a permit or submission of a plan approval application.

(b) 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 this permit, the Air Pollution Control Act or the regulations promulgated thereunder, except that with prior approval of the Department, the device or technique may be used for control of malodors.

#022 [25 Pa. Code §§ 127.402(d) & 127.513(1)]**Submissions**

(a) 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 on the permit transmittal letter, or otherwise notified)

(b) Any report or notification for the EPA Administrator or EPA Region III should be addressed to:

Enforcement & Compliance Assurance Division
Air, RCRA and Toxics Branch (3ED21)
Four Penn Center
1600 John F. Kennedy Boulevard
Philadelphia, PA 19103-2852

The Title V compliance certification shall be emailed to EPA at R3_APD_Permits@epa.gov.

(c) An application, form, report or compliance certification submitted pursuant to this permit condition shall contain certification by a responsible official as to truth, accuracy, and completeness as required under 25 Pa. Code § 127.402(d). Unless otherwise required by the Clean Air Act or regulations adopted thereunder, this certification and any other certification required pursuant to this permit shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate and complete.

#023 [25 Pa. Code §§ 127.441(c) & 127.463(e); Chapter 139; & 114(a)(3), 504(b) of the CAA]**Sampling, Testing and Monitoring Procedures**

(a) The permittee shall perform the emissions monitoring and analysis procedures or test methods for applicable requirements of this Title V permit. In addition to the sampling, testing and monitoring procedures specified in this permit, the Permittee shall comply with any additional applicable requirements promulgated under the Clean Air Act after permit issuance regardless of whether the permit is revised.

(b) The sampling, testing and monitoring required under the applicable requirements of this permit, shall be conducted in accordance with the requirements of 25 Pa. Code Chapter 139 unless alternative methodology is required by the Clean Air Act (including §§ 114(a)(3) and 504(b)) and regulations adopted thereunder.

#024 [25 Pa. Code §§ 127.511 & Chapter 135]**Recordkeeping Requirements**

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

- (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.

**SECTION B. General Title V Requirements**

(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 the 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. If direct recordkeeping is not possible or practical, sufficient records shall be kept to provide the needed information by indirect means.

#025 [25 Pa. Code §§ 127.411(d), 127.442, 127.463(e) & 127.511(c)]**Reporting Requirements**

(a) The permittee shall comply with the reporting requirements for the applicable requirements specified in this Title V permit. In addition to the reporting requirements specified herein, the permittee shall comply with any additional applicable reporting requirements promulgated under the Clean Air Act after permit issuance regardless of whether the permit is revised.

(b) Pursuant to 25 Pa. Code § 127.511(c), the permittee shall submit reports of required monitoring at least every six (6) months unless otherwise specified in this permit. Instances of deviations (as defined in 25 Pa. Code § 121.1) from permit requirements shall be clearly identified in the reports. The reporting of deviations shall include the probable cause of the deviations and corrective actions or preventative measures taken, except that sources with continuous emission monitoring systems shall report according to the protocol established and approved by the Department for the source. The required reports shall be certified by a responsible official.

(c) Every report submitted to the Department under this permit condition shall comply with the submission procedures specified in Section B, Condition #022(c) of this permit.

(d) Any records, reports or information obtained by the Department or referred to in a public hearing shall be made available to the public by the Department except for such records, reports or information for which the permittee has shown cause that the documents should be considered confidential and protected from disclosure to the public under Section 4013.2 of the Air Pollution Control Act and consistent with Sections 112(d) and 114(c) of the Clean Air Act and 25 Pa. Code § 127.411(d). The permittee may not request a claim of confidentiality for any emissions data generated for the Title V facility.

#026 [25 Pa. Code § 127.513]**Compliance Certification**

(a) One year after the date of issuance of the Title V permit, and each year thereafter, unless specified elsewhere in the permit, the permittee shall submit to the Department and EPA Region III a certificate of compliance with the terms and conditions in this permit, for the previous year, including the emission limitations, standards or work practices. This certification shall include:

- (1) The identification of each term or condition of the permit that is the basis of the certification.
- (2) The compliance status.
- (3) The methods used for determining the compliance status of the source, currently and over the reporting period.
- (4) Whether compliance was continuous or intermittent.

(b) The compliance certification shall be postmarked or hand-delivered no later than thirty days after each anniversary of the date of issuance of this Title V Operating Permit, or on the submittal date specified elsewhere in the permit, to the Department in accordance with the submission requirements specified in Section B, Condition #022 of this permit. The Title V compliance certification shall be emailed to EPA at R3_APD_Permits@epa.gov.

**SECTION B. General Title V Requirements****#027 [25 Pa. Code § 127.3]****Operational Flexibility**

The permittee is authorized to make changes within the Title V facility in accordance with the following provisions in 25 Pa. Code Chapter 127 which implement the operational flexibility requirements of Section 502(b)(10) of the Clean Air Act and Section 6.1(i) of the Air Pollution Control Act:

- (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)
- (6) Section 127.462 (relating to minor operating permit amendments)
- (7) Subchapter H (relating to general plan approvals and operating permits)

#028 [25 Pa. Code §§ 127.441(d), 127.512(i) and 40 CFR Part 68]**Risk Management**

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

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

- (1) The permittee shall submit the first RMP to a central point specified by EPA no later than the latest of the following:
 - (i) Three years after the date on which a regulated substance is first listed under § 68.130; or,
 - (ii) The date on which a regulated substance is first present above a threshold quantity in a process.

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

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

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

(d) If the Title V facility is subject to 40 CFR Part 68, as part of the certification required under this permit, the permittee shall:

- (1) Submit a compliance schedule for satisfying the requirements of 40 CFR Part 68 by the date specified in 40 CFR § 68.10(a); or,
- (2) Certify that the Title V facility is in compliance with all requirements of 40 CFR Part 68 including the registration and submission of the RMP.

**SECTION B. General Title V Requirements**

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

(f) When the Title V facility is subject to the accidental release program requirements of Section 112(r) of the Clean Air Act and 40 CFR Part 68, appropriate enforcement action will be taken by the Department if:

(1) The permittee fails to register and submit the RMP or a revised plan pursuant to 40 CFR Part 68.

(2) The permittee fails to submit a compliance schedule or include a statement in the compliance certification required under Section B, Condition #026 of this permit that the Title V facility is in compliance with the requirements of Section 112(r) of the Clean Air Act, 40 CFR Part 68, and 25 Pa. Code § 127.512(i).

#029 [25 Pa. Code § 127.512(e)]**Approved Economic Incentives and Emission Trading Programs**

No permit revision shall be required under approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes that are provided for in this Title V permit.

#030 [25 Pa. Code §§ 127.516, 127.450(d), 127.449(f) & 127.462(g)]**Permit Shield**

(a) The permittee's compliance with the conditions of this permit shall be deemed in compliance with applicable requirements (as defined in 25 Pa. Code § 121.1) as of the date of permit issuance if either of the following applies:

(1) The applicable requirements are included and are specifically identified in this permit.

(2) The Department specifically identifies in the permit other requirements that are not applicable to the permitted facility or source.

(b) Nothing in 25 Pa. Code § 127.516 or the Title V permit shall alter or affect the following:

(1) The provisions of Section 303 of the Clean Air Act, including the authority of the Administrator of the EPA provided thereunder.

(2) The liability of the permittee for a violation of an applicable requirement prior to the time of permit issuance.

(3) The applicable requirements of the acid rain program, consistent with Section 408(a) of the Clean Air Act.

(4) The ability of the EPA to obtain information from the permittee under Section 114 of the Clean Air Act.

(c) Unless precluded by the Clean Air Act or regulations thereunder, final action by the Department incorporating a significant permit modification in this Title V Permit shall be covered by the permit shield at the time that the permit containing the significant modification is issued.

#031 [25 Pa. Code §135.3]**Reporting**

(a) 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 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.

#032 [25 Pa. Code §135.4]**Report Format**

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

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

(1) Construction or demolition of buildings or structures.

(2) Grading, paving and maintenance of roads and streets.

(3) Use of roads and streets. Emissions from material in or on trucks, railroad cars and other vehicular equipment are not considered as emissions from use of roads and streets.

(4) Clearing of land.

(5) Stockpiling of materials.

(6) Open burning operations, as specified in 25 Pa. Code § 129.14.

(7) N/A

(8) N/A

(9) Sources and classes of sources other than those identified in (1)-(8) of this condition, for which the permittee has obtained a determination from the Department that fugitive emissions from the source, after appropriate control, meet the following requirements:

(i) The emissions are of minor significance with respect to causing air pollution; and

(ii) The emissions are not preventing or interfering with the attainment or maintenance of any ambient air quality standard.

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

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

[25 Pa. Code §123.41]**Limitations**

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

(a) Equal to or greater than 20% for a period or periods aggregating more than three minutes in any 1 hour; or

(b) Equal to or greater than 60% at any time.

[25 Pa. Code §123.31]**Limitations**

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

[25 Pa. Code §123.42]**Exceptions**

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

(a) When the presence of uncombined water is the only reason for failure of the emission to meet the limitations.

**SECTION C. Site Level Requirements**

(b) When the emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions.

(c) When the emission results from the sources specified in 25 Pa. Code § 123.1(a) (relating to prohibition of certain fugitive emissions).

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

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

(a) A fire set to prevent or abate a fire hazard, when approved by the Department and set by or under the supervision of a public officer.

(b) Any fire set for the purpose of instructing personnel in fire fighting, when approved by the Department.

(c) A fire set for the prevention and control of disease or pests, when approved by the Department.

(d) A fire set in conjunction with the production of agricultural commodities in their unmanufactured state on the premises of the farm operation.

(e) A fire set for the purpose of burning domestic refuse, when the fire is on the premises of a structure occupied solely as a dwelling by two families or less and when the refuse results from the normal occupancy of the structure.

(f) A fire set solely for recreational or ceremonial purposes.

(g) A fire set solely for cooking food.

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

[Additional authority for this permit condition is also derived from 25 Pa. Code §§ 129.96-100 and 129.111-115.]

(a) The permittee shall not exceed NO_x emissions of 49.9 tons per year on a 12-month rolling basis for the entire site.

(b) The permittee shall not exceed VOC emissions of 21.3 tons per year on a 12-month rolling basis for the entire site.

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

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

(a) If at any time the Department has cause to believe that air contaminant emissions from any source may be in excess of the limitations specified in this Permit, or established pursuant to, any applicable rule or regulation contained in 25 Pa. Code Article III, the permittee shall be required to conduct whatever tests are deemed necessary by the Department to determine the actual emission rate(s).

(b) Such testing shall be conducted in accordance with the provisions of 25 Pa. Code Chapter 139, the most current version of the DEP Source Testing Manual, and the EPA Clean Air Act National Stack Testing Guidance, when applicable, and in accordance with any restrictions or limitations established by the Department at such time as it notifies the permittee that testing is required.

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

Visible emissions may be measured using either of the following:

**SECTION C. Site Level Requirements**

(a) A device approved by the Department and maintained to provide accurate opacity measurements; or

(b) Observers trained and qualified to measure plume opacity with the naked eye or with the aid of any devices approved by the Department.

[25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall monitor, by calculation, the facility-wide NO_x and VOC emissions compiled from all sources listed in this operating permit, on a monthly and 12-month rolling basis.

[25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this condition is also derived from 25 Pa. Code § 127.511]

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

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

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

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

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

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

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

IV. RECORDKEEPING REQUIREMENTS.

[25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

The permittee shall record greenhouse gas emissions (CO₂, CH₄, N₂O), including any relevant emissions data, from all stationary fuel combustion sources at the facility as part of compliance with the GHG Mandatory Reporting Rule.

[25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.511.]

The permittee shall maintain a record of all monitoring of fugitive emissions, visible emissions and odors, including those that deviate from the conditions found in this permit. The record of deviations shall contain, at a minimum, the following items:

**SECTION C. Site Level Requirements**

- (a) Date, time, and location of the incident(s);
- (b) The cause of the event; and
- (c) The corrective action taken, if necessary, to abate the situation and prevent future occurrences.

[25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.511.]

(a) The permittee shall provide sufficient data and calculations to clearly demonstrate that the requirements of the site wide emission restrictions and source level emission restrictions are being met.

(b) Data or information required to determine compliance with the above condition shall be recorded and maintained in a time frame consistent with the averaging period of the requirements.

[25 Pa. Code §127.441]

Operating permit terms and conditions.

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

- (a) emissions increase of minor significance without notification to the Department.
- (b) de minimis increases with notification to the Department, via letter.
- (c) increases resulting from a Request for Determination (RFD) to the Department.
- (d) increases resulting from the issuance of a plan approval and subsequent operating permit.

[25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall maintain records of facility-wide NOx and VOC emissions compiled from all sources listed in this operating permit, on a monthly and 12-month rolling basis.

V. REPORTING REQUIREMENTS.

[25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this condition is also derived from 25 Pa. Code § 127.511(c).]

The permittee shall submit the following:

(a) An annual certificate of compliance, due by April 1st of each year, for the period covering January 1 through December 31 of the previous year. This certificate of compliance shall document compliance with all permit terms and conditions set forth in this Title V permit as required under condition #26 of section B of this permit. The annual certificate of compliance shall be submitted to DEP electronically, and to EPA Region III in electronic form at the following email address: R3_APD_Permits@epa.gov. The subject line shall read: "TVOP No. xxx, Facility Name xxx."

(b) A semi-annual deviation report to DEP, due by October 1 of each year, for the period covering January 1 through June 30 of the same year. Note: The annual certification of compliance fulfills the obligation for the second deviation reporting period (July 1 through December 31 of the previous year).

[25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall report malfunctions, emergencies or incidents of excess emissions to DEP's 24-hour Emergency Hotline at 800.541.2050. 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

**SECTION C. Site Level Requirements**

which requires immediate corrective action to restore normal operation and which causes the emission source to exceed emissions, due to unavoidable increases in emissions attributable to the situation. An emergency shall not include situations caused by improperly designed equipment, lack of preventive maintenance, careless or improper operation, or operator error.

(b) When the malfunction, 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; and
- (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.

[25 Pa. Code §135.21]**Emission statements**

The permittee shall submit by March 1, of each year, an annual emission statement showing the actual emissions of NOx and VOC emissions for the preceding calendar year. Additionally, a description of the method used to calculate the emissions shall be included. The statement shall contain a certification by a company official or plant manager that the information contained in the statement is true and accurate.

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

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

- (a) Use, where possible, of water or suitable chemicals, for control of dust in the demolition of buildings or structures, construction operations, the grading of roads, or the clearing of land.

**SECTION C. Site Level Requirements**

(b) Application of asphalt, water, or other suitable chemicals, on dirt roads, material stockpiles and other surfaces which may give rise to airborne dusts.

(c) Paving and maintenance of roadways.

(d) Prompt removal of earth or other material from paved streets onto which earth or other material has been transported by trucking or earth moving equipment, erosion by water, or by other means.

[25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this condition is also derived from 25 Pa. Code § 127.512.]

The permittee may not modify any air contaminant system identified in this permit, prior to obtaining Department approval, except those modifications authorized by Condition #019(g), of Section B, of this permit.

[25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this condition is also derived from 25 Pa. Code § 127.512.]

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

[25 Pa. Code §127.441]

Operating permit terms and conditions.

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

VII. ADDITIONAL REQUIREMENTS.

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

VIII. COMPLIANCE CERTIFICATION.

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

IX. COMPLIANCE SCHEDULE.

No compliance milestones exist.

***** Permit Shield In Effect *****

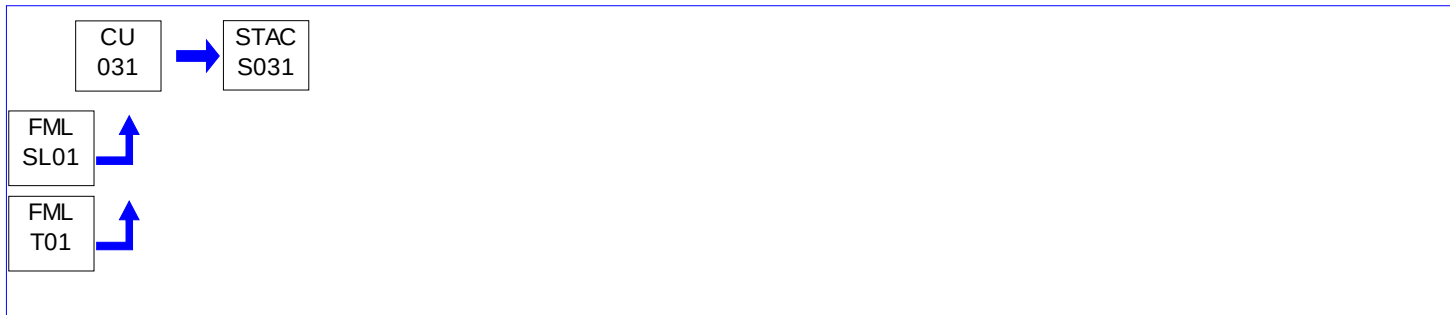
**SECTION D. Source Level Requirements**

Source ID: 031

Source Name: BOILER 1C, CUP-1

Source Capacity/Throughput: 66.000 MMBTU/HR
64,080.000 CF/HR Natural Gas
475.000 Gal/HR #2 Oil

Conditions for this source occur in the following groups: GRP 1 - BABCOCK & WILCOCK BOILERS
GRP 3 - ALL BOILERS
GRP 5 - BOILER NESHAP JJJJJ

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

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

This source consists of one (1) Babcock and Wilcox boiler, model FM-10-66.

**SECTION D. Source Level Requirements**

***** Permit Shield in Effect. *****

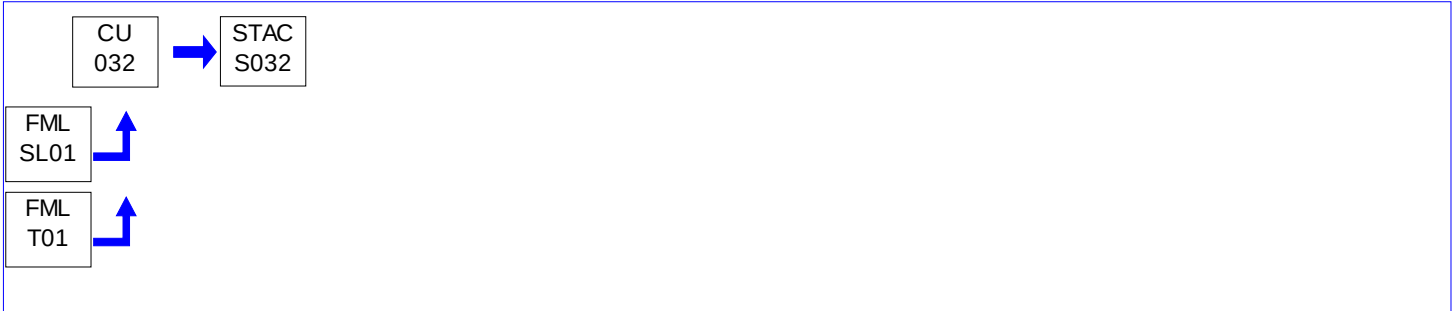
**SECTION D. Source Level Requirements**

Source ID: 032

Source Name: BOILER 2B, CUP-1

Source Capacity/Throughput: 66.000 MMBTU/HR
475.000 Gal/HR #2 Oil
64,080.000 CF/HR Natural Gas

Conditions for this source occur in the following groups: GRP 1 - BABCOCK & WILCOCK BOILERS
GRP 3 - ALL BOILERS
GRP 5 - BOILER NESHAP JJJJJ

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

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

This source consists of one (1) Babcock and Wilcox boiler, model FM-10-66.

**SECTION D. Source Level Requirements**

***** Permit Shield in Effect. *****

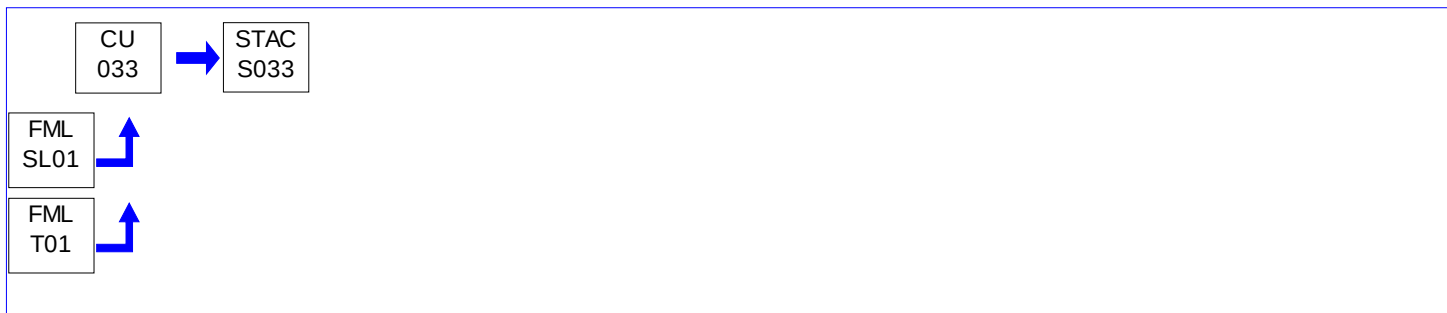
**SECTION D. Source Level Requirements**

Source ID: 033

Source Name: BOILER 3A, CUP-1

Source Capacity/Throughput: 66.000 MMBTU/HR
475.000 Gal/HR #2 Oil
64,080.000 CF/HR Natural Gas

Conditions for this source occur in the following groups: GRP 1 - BABCOCK & WILCOCK BOILERS
GRP 3 - ALL BOILERS
GRP 5 - BOILER NESHAP JJJJJ

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.**[25 Pa. Code §127.411]****Content of applications.**

This source consists of one (1) Babcock and Wilcox boiler, model FM-10-66.

**SECTION D. Source Level Requirements**

***** Permit Shield in Effect. *****

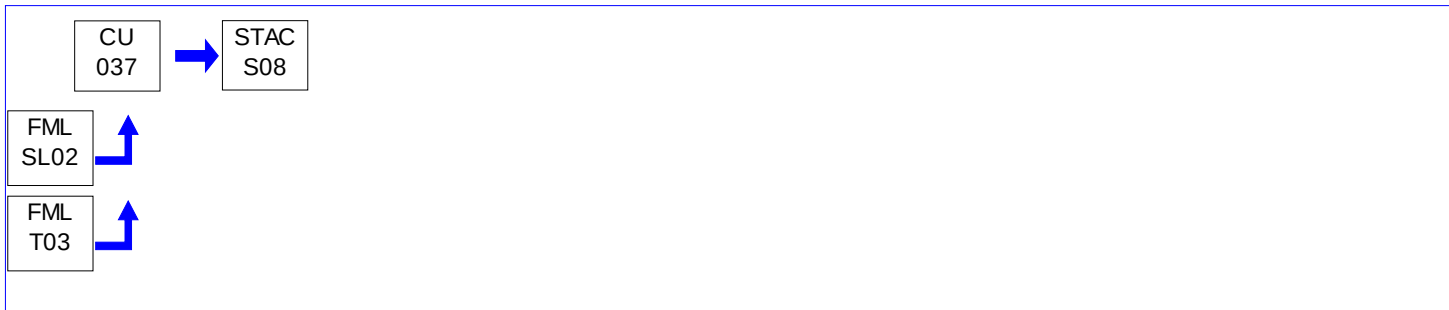
**SECTION D. Source Level Requirements**

Source ID: 037

Source Name: BOILERS 1 & 2, CUP-2

Source Capacity/Throughput:	29.200	MMBTU/HR	
	28,438.000	CF/HR	Natural Gas
	210.000	Gal/HR	#2 Oil

Conditions for this source occur in the following groups: GRP 3 - ALL BOILERS
GRP 5 - BOILER NESHAP JJJJJ

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

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

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

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512]

The permittee shall maintain the boilers to reducing nitrogen oxide (NOx) and carbon monoxide (CO) emissions to or below:

- (a) 30 ppm_{dv} NO_x at 3% O₂ when firing gas
- (b) 90 ppm_{dv} NO_x at 3 % O₂ when firing No. 2 fuel oil; and
- (c) 400 ppm_{dv} CO at 3 % O₂.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

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

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

VI. WORK PRACTICE REQUIREMENTS.**[40 CFR Part 63 NESHPAS for Source Categories §40 CFR 63.11223]****Subpart JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****How do I demonstrate continuous compliance with the work practice and management practice standards?**

(a) The permittee shall conduct a tune up of the boiler every five (5) years as specified in the paragraphs below. The permittee must conduct the tune-up while burning the type of fuel (or fuels in the case of boilers that routinely burn two types of fuels at the same time) that provided the majority of the heat input to the boiler over the 12 months prior to the tune-up.

(1) As applicable, inspect the burner, and clean or replace any components of the burner as necessary.

(2) Inspect the flame pattern, as applicable, and adjust the burner as necessary to optimize the flame pattern. The adjustment should be consistent with the manufacturer's specifications, if available.

(3) Inspect the system controlling the air-to-fuel ratio, as applicable, and ensure that it is correctly calibrated and functioning properly.

(4) Optimize total emissions of CO. This optimization should be consistent with the manufacturer's specifications, if available, and with any nitrogen oxide requirement to which the unit is subject.

(5) Measure the concentrations in the effluent stream of CO in parts per million, by volume, and oxygen in volume percent, before and after the adjustments are made (measurements may be either on a dry or wet basis, as long as it is the same basis before and after the adjustments are made). Measurements may be taken using a portable CO analyzer.

(6) Maintain on-site and submit, if requested by the Department, a report containing the information in paragraphs (a)(6)(i) through (iii) of this condition.

(i) The concentrations of CO in the effluent stream in parts per million, by volume, and oxygen in volume percent, measured at high fire or typical operating load, before and after the tune-up of the boiler.

(ii) A description of any corrective actions taken as a part of the tune-up of the boiler.

(iii) The type and amount of fuel used over the 12 months prior to the tune-up of the boiler, but only if the unit was physically and legally capable of using more than one type of fuel during that period. Units sharing a fuel meter may estimate the fuel use by each unit.

(7) If the unit is not operating on the required date for a tune-up, the tune-up must be conducted within 30 days of startup.

(b) The permittee shall conduct a one-time energy assessment performed by a qualified energy assessor. An energy assessment completed on or after January 1, 2008, that meets or is amended to meet the energy assessment requirements in this table satisfies the energy assessment requirement. Energy assessor approval and qualification requirements are waived in instances where past or amended energy assessments are used to meet the energy assessment requirements. A facility that operates under an energy management program compatible with ISO 50001 that includes the affected units also satisfies the energy assessment requirement. The energy assessment must include the following:

(1) A visual inspection of the boiler system,

(2) An evaluation of operating characteristics of the affected boiler systems, specifications of energy use systems, operating and maintenance procedures, and unusual operating constraints,

**SECTION D. Source Level Requirements**

(3) An inventory of major energy use systems consuming energy from affected boiler(s) and which are under control of the boiler owner or operator,

(4) A review of available architectural and engineering plans, facility operation and maintenance procedures and logs, and fuel usage,

(5) A list of major energy conservation measures that are within the facility's control,

(6) A list of the energy savings potential of the energy conservation measures identified, and

(7) A comprehensive report detailing the ways to improve efficiency, the cost of specific improvements, benefits, and the time frame for recouping those investments.

VII. ADDITIONAL REQUIREMENTS.

[25 Pa. Code §127.441]

Operating permit terms and conditions.

This source consists of two (2) Cleaver Brooks boilers, model CEW200350, rated at 14.65 MMBTU/hr each, fired on natural gas or no. 2 fuel oil.

***** Permit Shield in Effect. *****

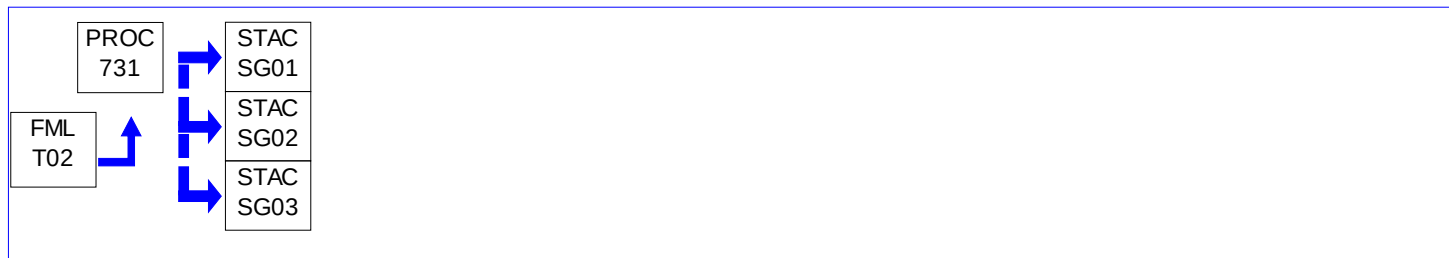
**SECTION D. Source Level Requirements**

Source ID: 731

Source Name: G01, G02, G03 EMERGENCY GENERATORS

Source Capacity/Throughput: 287.100 Gal/HR #2 Oil

Conditions for this source occur in the following groups: GRP 2 - EMERGENCY GENERATORS
GRP 4 - ALL GENERATORS

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

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

The permittee shall operate each of the three (3) caterpillar emergency generators for a maximum of 490 hours per year, for each unit, 12-month rolling basis.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

**SECTION D. Source Level Requirements****VII. ADDITIONAL REQUIREMENTS.**

[25 Pa. Code §127.441]

Operating permit terms and conditions.

This source contains the following Caterpillar, model 3512STD, Stand-by Electric Generators:

Emergency Generator G01 rated at 95.7 gal/hr

Emergency Generator G02 rated at 95.7 gal/hr

Emergency Generator G03 rated at 95.7 gal/hr

***** Permit Shield in Effect. *****

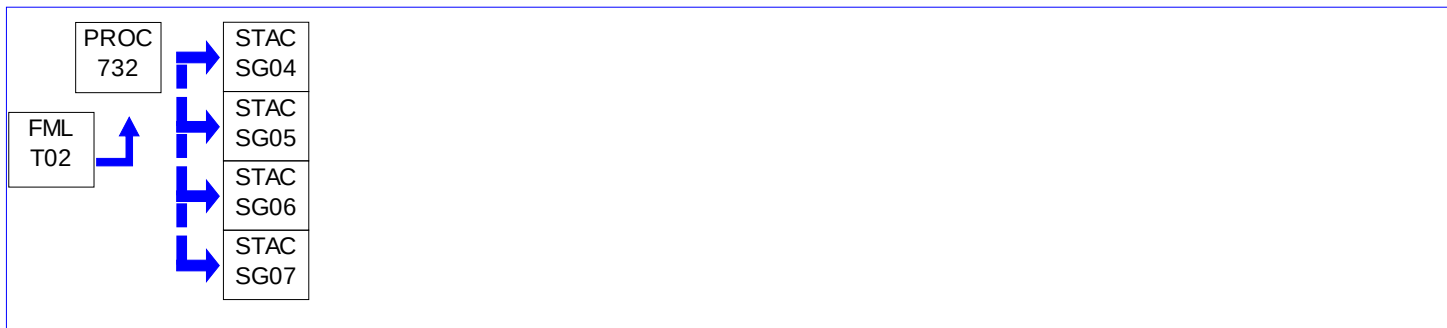
**SECTION D. Source Level Requirements**

Source ID: 732

Source Name: G04, G05, G06, G07 EMERGENCY GENERATORS

Source Capacity/Throughput: 462.000 Gal/HR #2 Oil

Conditions for this source occur in the following groups: GRP 2 - EMERGENCY GENERATORS
GRP 4 - ALL GENERATORS

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

The permittee shall not exceed the following fuel usage limits for the emergency generators (based on a 12-month rolling total):

- (a) 136,752 gallons per year combined, and
- (b) 34,188 gallons per year individually

II. TESTING REQUIREMENTS.

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

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

The permittee shall monitor the fuel consumption for each generator, daily, when in use, and on a 12-month rolling basis.

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

The permittee shall record the fuel consumption for each generator, daily, when in use, and on a 12-month rolling basis.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

**SECTION D. Source Level Requirements****VII. ADDITIONAL REQUIREMENTS.**

[25 Pa. Code §127.441]

Operating permit terms and conditions.

This source contains the following Detroit Diesel, model 91637416, Stand-by Electric Generators:

Emergency Generator G04 rated at 115.5 gal/hr

Emergency Generator G05 rated at 115.5 gal/hr

Emergency Generator G06 rated at 115.5 gal/hr

Emergency Generator G07 rated at 115.5 gal/hr

***** Permit Shield in Effect. *****

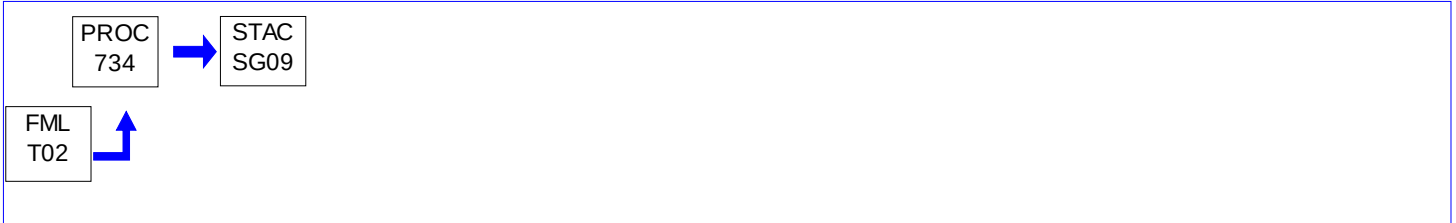
**SECTION D. Source Level Requirements**

Source ID: 734

Source Name: G09 EMERGENCY GENERATOR

Source Capacity/Throughput: 19.450 MMBTU/HR

Conditions for this source occur in the following groups: GRP 4 - ALL GENERATORS

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

(a) The permittee shall limit the emissions from the engine to the following:

(1) NO_x: 6.9 gm/bhp-hr and 44.7 lb/hr

(2) VOC: 0.18 gm/bhp-hr;

CO: 0.64 gm/bhp-hr;

PM: 0.043 gm/bhp-hr

or

VOC: 1.16 lb/hr;

CO: 4.12 lb/hr;

PM: 0.28 lb/hr

whichever is less stringent.

(3) Formaldehyde: 1160 ppbvd at 15% oxygen.

[Compliance with the emissions limitation for PM will assure compliance with 25 Pa. Code §123.13(c)(1)(i).]

(b) The permittee shall limit emissions from the engine to the following, as calculated on a 12-month rolling sum basis:

VOC: 0.073 tons;

NO_x: 2.79 tons;

CO: 0.26 tons;

PM: 0.02 tons.

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

Visible emissions from the engine shall not exceed the following:

(a) Equal to or greater than 10% for a period or periods aggregating more than three (3) minutes in any one (1) hour and

(b) Equal to or greater than 30% at any time.

[Compliance with this streamlined condition assures compliance with 25 Pa. Code § 123.41.]

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

[40 CFR Part 60 Standards of Performance for New Stationary Sources 40 CFR § 60.4205]

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

In accordance with 40 CFR § 60.4205(b), the engine shall be Tier 2 certified for the 2007 model year, and shall show compliance with the emissions limits below:

NO_x + NMHC: 6.4 g/kW-hr

CO: 3.5 g/kW-hr

PM: 0.20 g/kW-hr

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

[40 CFR Part 60 Standards of Performance for New Stationary Sources 40 CFR § 60.4207]

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

(a) The permittee shall only use commercially available diesel fuel that conforms to the following:

(1) A minimum cetane index of 40 or maximum aromatic content of 35 volume percent.

(2) The Sulfur content shall be a maximum of:

(i) 15 parts per million (ppm) for fuel used on or after October 1, 2010.

[Compliance with the fuel sulfur content condition assures compliance with 25 Pa. Code §123.21(b)]

(b) The permittee shall only use commercially available No. 2 heating oil that meets the requirements in Sections (a) (1) and (a) (2) of this condition.

(c) In accordance with 40 CFR § 60.4207 (c), the owner/operator of the engine may petition the Administrator for approval to use remaining non-compliant fuel beyond the dates required for the purpose of using up existing fuel inventories. If approved, the petition will be valid for a period of up to six (6) months. If additional time is needed, the owner/operator is required to submit a new petition to the Administrator.

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

The fuel usage for the emergency generator shall not exceed 17,363 gallons per 12-month rolling period.

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

(a) The permittee shall perform a stack test using Department-approved procedures once every five (5) calendar years, where five (5) calendar years is defined as beginning with the calendar year the latest stack test was performed and ending on December 31, five (5) years later. In accordance with 25 Pa. Code § 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. Refer to PADEP Source Testing Program website online for further information related to source testing including Source Testing FAQ and the PADEP Source Testing Manual.

(b) The stack test shall, at a minimum, test for Nitrogen Oxides (NO_x), Carbon Monoxide (CO), and Formaldehyde. Tests shall be conducted in accordance with the provisions of EPA Methods 1, 2, 3A, 4, 7E, 10, and 323 or other Department

**SECTION D. Source Level Requirements**

approved methodology and 25 Pa. Code Chapter 139. Tests shall also be conducted in accordance with the provisions of the current version of the DEP Source Testing Manual and the EPA Clean Air Act National Stack Testing Guidance.

(c) At least ninety (90) days prior to the test, the permittee shall submit to the Department for approval the procedures for the test and a sketch with dimensions indicating the location of sampling ports and other data to ensure the collection of representative samples.

(d) At least thirty (30) days prior to the test, the Regional Air Quality Manager, shall be informed of the date and time of the test.

(e) Within sixty (60) days after the source test (unless a more stringent regulatory requirement applies), an electronic copy of the complete test report, including all operating conditions, shall be submitted to the Regional Air Quality Manager for approval.

(f) In the event that any of the above deadlines cannot be met, the permittee may request an extension for the due date(s) in writing and include a justification for the extension. The Department may grant an extension for a reasonable cause.

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

(a) In addition to the stack testing performed every five (5) years, the permittee shall annually perform NO_x and CO emissions tests on the engine, using portable analyzers approved by the Department.

(b) A stack test for NO_x and CO may be performed as an alternative to the portable analyzer testing referenced in paragraph (a), above.

(c) The time elapsed between two consecutive testings, whether portable analyzer or stack testing, shall not exceed 15 months.

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

(a) The permittee shall email all source test submissions (notifications, protocols, reports, supplemental information, etc.) to both the AQ Program Manager for the Southeast Regional Office and the PSIMS Administrator in Central Office (email addresses are provided below). Any questions or concerns about source testing submissions can be sent to RA-EPstacktesting@pa.gov and the PSIMS Administrator will address them.

Southeast Region
RA-EPSEstacktesting@pa.gov

Central Office
RA-EPstacktesting@pa.gov

(b) The following pertinent information shall be listed on the title page.

1. Test Date(s)

- a. For protocols, provide the proposed date on which testing will commence or "TBD"
- b. For reports, provide the first and last day of testing

2. Facility Identification Number (Facility - ID): For test programs that were conducted under a multi-site protocol, also include the PF ID under which the protocol was stored in PSIMS, as indicated in the protocol response letter.

3. Source ID(s) for the applicable source(s) and air pollution control device(s): The term Source ID is used in the permit but "Other Id" is used in DEP electronic systems. They are the same number and must also be listed for control equipment

4. Testing Requirements (all that apply)

**SECTION D. Source Level Requirements**

- a. Plan approval number(s)
- b. Operating permit number
- c. Applicable federal subpart(s) (i.e. 40 CFR 60, Subpart JJJJ)
- d. Special purpose(s) (Consent Order, RFD, RACT, Tier II, etc.)

(c) If confidential information must be submitted, submit both a public copy, which has been redacted, and a confidential copy. The cover page of each submittal should state whether it is a "Public Copy" or "Confidential Copy" and each page of the latter must be marked "CONFIDENTIAL".

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

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

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

(2) Test methods and procedures for the determination of viscosity shall be that specified in 25 Pa. Code § 139.4(11) (relating to references). The viscosity shall be determined at 100°F.

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

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

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

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

(a) The permittee shall use the engine's computer to monitor fuel usage by the engine.

(b) The permittee shall monitor the daily fuel usage each time the engine is operated.

(c) The permittee shall monitor the total amount of fuel used on a monthly and on a 12-month rolling sum basis.

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

[40 CFR Part 60 Standards of Performance for New Stationary Sources 40 CFR § 60.4209]
Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines

In accordance with 40 CFR § 60.4209(a), the engine shall be equipped with a non-resettable hour meter.

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

The permittee shall maintain records of tune-ups, repairs, parts replacement, and other maintenance performed in accordance with manufacturer's specifications.

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

- (a) The permittee shall keep records of the number of hours the engine is operated on a monthly basis.
- (b) In addition to the requirements of paragraph (a), the permittee shall record the date, time, and duration of run hours each time the engine is operated for readiness and maintenance testing.
- (c) In addition to the requirements of paragraph (a), the permittee shall record the total number of hours per month that the engine is operated for readiness and maintenance testing.
- (d) In addition to the requirements of paragraph (a), the permittee shall record the total number of hours per week that the engine is operated for readiness and maintenance testing during the non-ozone season.

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

- (a) The permittee shall calculate and record the emissions of the following pollutants: VOC, NO_x, CO, PM, and SO_x on a monthly basis.
- (1) Emissions factors developed from manufacturer's test data or stack testing shall be used for VOC, NO_x, CO, and PM. The most recent stack test data shall be used where available.
- (2) Emissions of SO_x shall be determined from the fuel sulfur content and mass balance.
- (b) The permittee shall keep records of the emissions calculated for this condition on a 12-month rolling sum basis.

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

[40 CFR Part 60 Standards of Performance for New Stationary Sources 40 CFR § 60.4211]
Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines

In accordance with 40 CFR § 60.4211(c), the permittee shall keep a record of the manufacturer certification indicating compliance to the emission standards of 40 CFR §§ 60.4205(b).

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

The permittee shall record the fuel usage monitored. This applies to each period the engine is run, the monthly usage, and the 12-month rolling sum.

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

The permittee shall keep records of either the laboratory analysis or the fuel supplier certifications for diesel and/or No. 2 heating oil to demonstrate compliance with the limitations indicated in this Operating Permit.

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

For portable analyzer tests conducted under this Operating Permit, the owner/operator shall record the date of the test, manufacturer/model number of analyzer used, and level and units of the CO, NO_x, and oxygen readings.

V. REPORTING REQUIREMENTS.**[40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4]****Subpart A - General Provisions****Address.**

This engine is subject to the requirements of 40 CFR Part 60 Subpart IIII and shall comply with all applicable requirements of this Subpart. In accordance with 40 CFR § 60.4, copies of all requests, reports, applications, submittals, and other communications are required to be submitted to both the EPA and the Department. The EPA copies may be submitted

**SECTION D. Source Level Requirements**

electronically to the EPA's Central Data Exchange at <https://cdx.epa.gov/>.

VI. WORK PRACTICE REQUIREMENTS.**[25 Pa. Code §129.204]****Emission accountability.**

(a) If the affected source(s) has NO_x CEMS, the permittee shall determine actual emissions in accordance with the CEMS data reported to the Department. Any data invalidated under Chapter 139 (relating to sampling and testing) shall be substituted with data calculated using the potential emission rate for the unit or, if approved by the Department in writing, an alternative amount of emissions that is more representative of actual emissions that occurred during the period of invalid data.

(b) If the permittee is not required to monitor NO_x emissions with a CEMS, one of the following shall be used to determine actual emissions of NO_x:

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

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

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

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

(3) CEMS data, if the permittee elects to monitor NO_x emissions with a CEMS. The permittee shall monitor emissions and report the data from the CEMS in accordance with Chapter 139 or Chapter 145 (relating to interstate pollution transport reduction). Any data invalidated under Chapter 139 shall be substituted with data calculated using the potential emission rate for the unit or, if approved by the Department in writing, an alternative amount of emissions that is more representative of actual emissions that occurred during the period of invalid data.

(4) An alternate calculation and recordkeeping procedure based upon emissions testing and correlations with operating parameters. The permittee shall demonstrate that the alternate procedure does not underestimate actual emissions throughout the allowable range of operating conditions. In regard to obtaining the Department's approval for an alternate calculation method and recordkeeping procedure for actual emissions, the permittee may request an adjustment to the allowable emissions calculations set forth in §§ 129.201—129.203. An allowable emission adjustment may not overestimate a unit's allowable emissions and must be based upon the parameters and procedures proposed in the alternate calculation method for actual emissions. The alternate calculation and recordkeeping procedures must be approved by the Department, in writing, prior to implementation.

[25 Pa. Code §129.204]**Emission accountability.**

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

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

**SECTION D. Source Level Requirements**

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

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

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

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

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

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

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

[Note: On July 6, 2011, EPA promulgated the Cross-State Air Pollution Rule (CSAPR) to replace CAIR. The CSAPR provisions of 40 CFR Part 97, Subpart AAAAA (relating to CSAPR NOx Annual Trading Program), replaced the provisions of 40 CFR Part 96, Subpart AA (relating to CAIR NOx Annual Trading Program General Provisions), and remain in effect. On October 26, 2016, EPA promulgated the CSAPR Update to establish the provisions of 40 CFR Part 97, Subpart EEEEE (relating to CSAPR NOx Ozone Season Group 2 Trading Program), to replace the previously-established CAIR NOx Ozone Season Trading Program and CSAPR NOx Ozone Season Group 1 Trading Program for certain states, including Pennsylvania, beginning with the 2017 ozone season. On April 30, 2021, EPA promulgated the Revised CSAPR Update to establish the provisions of 40 CFR Part 97, Subpart GGGGG (relating to CSAPR NOx Ozone Season Group 3 Trading Program), to replace the provisions of 40 CFR Part 97, Subpart EEEEE, for certain states, including Pennsylvania, beginning with the 2021 ozone season (though DEP will accept CSAPR NOx Ozone Season Group 2 allowances of current year vintage from other states, if available). Accordingly, the permittee shall surrender CSAPR NOx Annual allowances and either CSAPR NOx Ozone Season Group 2 allowances or CSAPR NOx Ozone Season Group 3 allowances, as defined in 40 CFR §§ 97.402, 97.802, and 97.1002, respectively, instead of the CAIR NOx allowances and CAIR NOx Ozone Season allowances indicated in 25 Pa. Code § 129.204(c), as the latter are no longer available.]

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

The following condition applies to start ups and monthly testing of the engine for readiness and maintenance purposes:

The permittee shall limit the frequency of testing, for readiness and maintenance purposes, of the engine to 90 minutes per month during the ozone season (May 1 - September 30). Testing for readiness and maintenance purposes can be performed weekly for 90 minutes during the non-ozone season.

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

[40 CFR Part 60 Standards of Performance for New Stationary Sources 40 CFR § 60.4211]
Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines

(a) The permittee shall operate and maintain the engine according to written instructions or procedures that are developed or approved by the manufacturer.

(b) The permittee may only change those settings which are approved by the manufacturer.

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

[40 CFR Part 60 Standards of Performance for New Stationary Sources 40 CFR § 60.4211]
Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines

**SECTION D. Source Level Requirements**

(a) The permittee shall operate the emergency stationary ICE according to the requirements in the most recent version of 40 CFR § 60.4211(f).

(b) If the permittee does not operate the engine according to the requirements of 40 CFR § 60.4211(f), the engine will not be considered an emergency stationary ICE under 40 CFR Part 60 Subpart IIII and must meet all requirements for non-emergency engines.

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

(a) By October 31 of each year, the permittee shall calculate the difference between the actual emissions from the unit during the period from May 1 through September 30, and the allowable emissions for the same period.

(b) The permittee shall calculate allowable emissions by multiplying the cumulative hours of operations for the unit for the period by the horsepower rating of the unit and by the applicable emission rate for compression ignition stationary internal combustion engines of 2.3 grams of NO_x per brake horsepower-hour.

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

This source consists of an engine-generator set, Model 3516CDITA manufactured by Caterpillar Inc., model year 2007.

(a) The engine is 16-cylinder, fired by diesel or No.2 heating oil meeting the specifications in this Section. It shall be rated at 2190 bkW (2935 hp) power output and have a displacement of 4.3 liters/cylinder.

(b) The electric generator shall be rated at 2000 ekW power output.

***** Permit Shield in Effect. *****

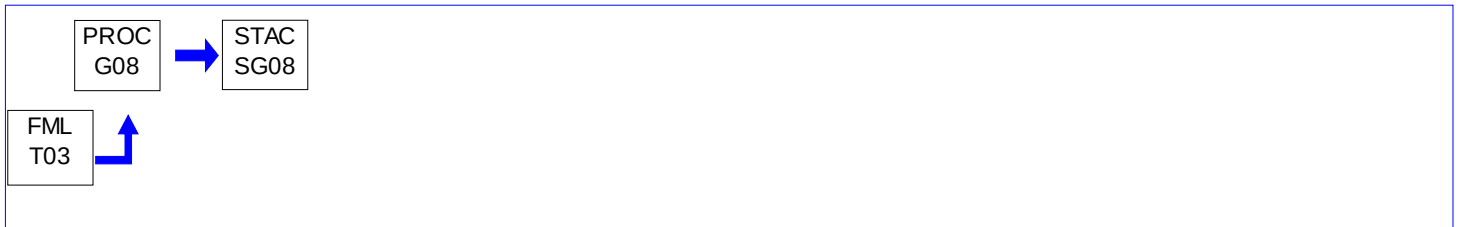
**SECTION D. Source Level Requirements**

Source ID: G08

Source Name: G08 EMERGENCY GENERATOR

Source Capacity/Throughput: 107.300 Gal/HR #2 Oil

Conditions for this source occur in the following groups: GRP 2 - EMERGENCY GENERATORS
GRP 4 - ALL GENERATORS

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

The permittee shall not operate this generator for more than 125 hours per year, on a 12-month rolling basis.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

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

This source consists of one Caterpillar, model 3512B DITA, 1500-kW generator rated at 107.3 gal/hr.

***** Permit Shield in Effect. *****

**SECTION E. Source Group Restrictions.**

Group Name: GRP 1 - BABCOCK & WILCOCK BOILERS

Group Description: Shared Conditions for the three (3) Babcock & Wilcox Boilers (Source ID(s): 031, 032 and 033)

Sources included in this group

ID	Name
031	BOILER 1C, CUP-1
032	BOILER 2B, CUP-1
033	BOILER 3A, CUP-1

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

(a) A person may not permit the emission into the outdoor atmosphere of particulate matter from a combustion unit in excess of the following:

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.

pursuant to 25 Pa. Code § 123.11(a)(2).

(b) The rate determined by the formula in paragraph (a) is 0.34 pound per million Btu of heat input.

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

[Additional authority for this permit condition is also derived from 25 Pa. Code §§ 129.91-95 and 129.111-115.]

(a) The permittee shall not exceed 26.16 tons per year of NO_x emissions when running on Natural Gas, for each boiler, on a 12-month rolling basis.

(b) The permittee shall not exceed 49.9 tons per year of NO_x emissions (total for Source IDs 031, 032 and 033) on a 12-month rolling basis.

[25 Pa. Code §122.3]**Adoption of standards.**

[40 CFR Part 60 Standards of Performance for New Stationary Sources § 40 CFR 60.43c(c)]

Subpart Dc - Standards of Performance for Small Industrial - Commercial - Institutional Steam Generating Units

The permittee shall not cause discharge into the atmosphere from the facility any gases that exhibit greater than 20% (percent) opacity (6-minute average), except for one-minute period per hour of not more than 27% (percent) opacity.

[Compliance with this condition assures compliance with streamlined condition 25 Pa. Code § 123.41.]

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

[Additional authority for this permit condition is also derived from 25 Pa. Code §127.512]

The permittee shall limit the total combined use of No. 2 fuel oil for Sources 031, 032 and 033 to 347,143 gallons per year,

**SECTION E. Source Group Restrictions.**

based on a 12-month rolling sum basis.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

[25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall monitor the total combined use of No. 2 fuel oil by Sources 031, 032, and 033, on a monthly and 12-month rolling sum basis.

[25 Pa. Code §122.3]

Adoption of standards.

[40 CFR Part 60 Standards of Performance for New Stationary Sources § 40 CFR 60.45c(a)(8)]
Subpart Dc - Standards of Performance for Small Industrial - Commercial - Institutional Steam Generating Units

Method 9 -- Visual Determination of the Opacity of Emissions from Stationary Sources, (6-minute average of 24 observations) shall be used for determining the opacity of stack emissions.

[Compliance with this condition assures compliance with streamlined condition 25 Pa. Code 123.43]

IV. RECORDKEEPING REQUIREMENTS.

[25 Pa. Code §129.93]

Presumptive RACT emission limitations

[Additional authority for this permit condition is also derived from 25 Pa. Code §§ 127.512(h) and 129.93.]

Each adjustment conducted under the tune-up procedures for this source, shall be recorded and contain the following:

- (a) The date of the tuning procedure.
- (b) The name of the service company and technician.
- (c) The final operating rate or load.
- (d) The final CO and NO_x emission rates.
- (e) The final excess oxygen rate.

[25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall record the total combined No. 2 fuel oil usage of Sources 031, 032, and 033 on a monthly and 12-month rolling basis to demonstrate compliance with the 347,143 gallon per year of No. 2 fuel oil usage limit.

[Compliance with condition (c) assures compliance with streamlined condition 40 CFR 60.48c.]

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

[25 Pa. Code §129.93]

Presumptive RACT emission limitations

[Additional authority for this permit condition is also derived from 25 Pa. Code §§ 127.512(h) and 129.93.]

**SECTION E. Source Group Restrictions.**

(a) The permittee shall perform an annual tune-up on the combustion process for this source. The permittee must conduct the tune-up while burning the type of fuel (or fuels in the case of boilers that routinely burn two types of fuels at the same time) that provided the majority of the heat input to the boiler over the 12 months prior to the tune-up. The annual tune-up shall consist of, at a minimum, the following:

(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 NO_x, and to the extent practicable, minimize the emissions of CO.

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

(b) For oil, gas and combination oil/gas units, the owner and operator shall maintain records including a certification from the fuel supplier of the type of fuel and for each shipment of distillate oils number 1 or 2, a certification that the fuel complies with ASTM D396-78 "Standard Specifications for Fuel Oils." For residual oils, minimum recordkeeping includes a certification from the fuel supplier of the nitrogen content of the fuel, and identification of the sampling method and sampling protocol.

(c) The annual combustion tune-up shall be made in accordance with EPA document "Combustion Efficiency Optimization Manual for Operators of Oil and Gas-fired Boilers," September 1983 (EPA-3401/1-83-023) or equivalent procedures approved by the Department in writing.

[Compliance with the tune-up requirements in this permit condition assures compliance with the tune-up requirements found in 40 CFR § 63.11223(b)(1)-(5), of Boiler MACT Subpart JJJJJJ.]

[40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11223]

Subpart JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources

How do I demonstrate continuous compliance with the work practice and management practice standards?

(a) The permittee shall maintain on-site and submit, if requested by the Department, a report containing the information in paragraphs (a)(i) through (iii) of this condition.

(i) The concentrations of CO in the effluent stream in parts per million, by volume, and oxygen in volume percent, measured at high fire or typical operating load, before and after the tune-up of the boiler.

(ii) A description of any corrective actions taken as a part of the tune-up of the boiler.

(iii) The type and amount of fuel used over the 12 months prior to the tune-up of the boiler, but only if the unit was physically and legally capable of using more than one type of fuel during that period. Units sharing a fuel meter may estimate the fuel use by each unit.

(b) If the unit is not operating on the required date for a tune-up, the tune-up must be conducted within 30 days of startup.

VII. ADDITIONAL REQUIREMENTS.

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

***** Permit Shield in Effect. *****

**SECTION E. Source Group Restrictions.**

Group Name: GRP 2 - EMERGENCY GENERATORS

Group Description: Shared Conditions for EGENS (Source ID(s): 731, 732 and G08)

Sources included in this group

ID	Name
731	G01, G02, G03 EMERGENCY GENERATORS
732	G04, G05, G06, G07 EMERGENCY GENERATORS
G08	G08 EMERGENCY GENERATOR

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

[25 Pa. Code §127.441]

Operating permit terms and conditions.

The sulfur content in diesel fuel shall not, at any time exceed 0.3% by weight.

[25 Pa. Code §127.441]

Operating permit terms and conditions.

Only diesel/No. 2 fuel oil shall be used as fuel for this source.

II. TESTING REQUIREMENTS.

[25 Pa. Code §139.16]

Sulfur in fuel oil.

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

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

(2) Test methods and procedures for the determination of viscosity shall be that specified in 25 Pa. Code § 139.4(11) (relating to references). The viscosity shall be determined at 100°F.

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

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

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

III. MONITORING REQUIREMENTS.

[25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code §127.512]

(a) The permittee shall monitor the hours of operation for each generator, daily, when in use, and on a 12-month rolling basis.

(b) The permittee shall monitor the daily fuel usage each time the engine is operated.

(c) The permittee shall monitor the total amount of fuel used on a monthly and on a 12-month rolling sum basis.

IV. RECORDKEEPING REQUIREMENTS.

[25 Pa. Code §127.441]

Operating permit terms and conditions.

**SECTION E. Source Group Restrictions.**

- (a) The permittee shall record the hours of operation for each generator, daily, when in use, and on a 12-month rolling basis.
- (b) The permittee shall record the daily fuel usage each time the engine is operated.
- (c) The permittee shall record the total amount of fuel used on a monthly and on a 12-month rolling sum basis.

V. REPORTING REQUIREMENTS.

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

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

- (a) The permittee shall operate the emergency stationary R.I.C.E. according to the requirements in the most recent version of 40 C.F.R. Section 63.6640(f).
- (b) If the permittee does not operate the engine according to the requirements of 40 C.F.R. Section 63.6640(f), the engine will not be considered an emergency engine under 40 C.F.R. Part 63 Subpart ZZZZ and must meet all requirements for non-emergency engines.

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

This source shall be operated and maintained in accordance with manufacturer's specifications.

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

- (a) By October 31 of each year, the permittee shall calculate the difference between the actual emissions from the unit during the period from May 1 through September 30, and the allowable emissions for the same period.
- (b) The permittee shall calculate allowable emissions by multiplying the cumulative hours of operations for the unit for the period by the horsepower rating of the unit and by the applicable emission rate for compression ignition stationary internal combustion engines of 2.3 grams of NO_x per brake horsepower-hour.

[25 Pa. Code §129.204]**Emission accountability.**

- (a) If the affected source(s) has NO_x CEMS, the permittee shall determine actual emissions in accordance with the CEMS data reported to the Department. Any data invalidated under Chapter 139 (relating to sampling and testing) shall be substituted with data calculated using the potential emission rate for the unit or, if approved by the Department in writing, an alternative amount of emissions that is more representative of actual emissions that occurred during the period of invalid data.
- (b) If the permittee is not required to monitor NO_x emissions with a CEMS, one of the following shall be used to determine actual emissions of NO_x:
 - (1) The 1-year average emission rate calculated from the most recent permit emission limit compliance demonstration test data for NO_x.
 - (2) The maximum hourly allowable NO_x emission rate contained in the permit or the higher of the following:
 - (i) The highest rate determined by use of the emission factor for the unit class contained in the most up-to-date version of the EPA publication, "AP-42 Compilation of Air Pollution Emission Factors."

**SECTION E. Source Group Restrictions.**

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

(3) CEMS data, if the permittee elects to monitor NO_x emissions with a CEMS. The permittee shall monitor emissions and report the data from the CEMS in accordance with Chapter 139 or Chapter 145 (relating to interstate pollution transport reduction). Any data invalidated under Chapter 139 shall be substituted with data calculated using the potential emission rate for the unit or, if approved by the Department in writing, an alternative amount of emissions that is more representative of actual emissions that occurred during the period of invalid data.

(4) An alternate calculation and recordkeeping procedure based upon emissions testing and correlations with operating parameters. The permittee shall demonstrate that the alternate procedure does not underestimate actual emissions throughout the allowable range of operating conditions. In regard to obtaining the Department's approval for an alternate calculation method and recordkeeping procedure for actual emissions, the permittee may request an adjustment to the allowable emissions calculations set forth in §§ 129.201—129.203. An allowable emission adjustment may not overestimate a unit's allowable emissions and must be based upon the parameters and procedures proposed in the alternate calculation method for actual emissions. The alternate calculation and recordkeeping procedures must be approved by the Department, in writing, prior to implementation.

[25 Pa. Code §129.204]**Emission accountability.**

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

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

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

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

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

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

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

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

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

[Note: On July 6, 2011, EPA promulgated the Cross-State Air Pollution Rule (CSAPR) to replace CAIR. The CSAPR provisions of 40 CFR Part 97, Subpart AAAAA (relating to CSAPR NO_x Annual Trading Program), replaced the provisions of 40 CFR Part 96, Subpart AA (relating to CAIR NO_x Annual Trading Program General Provisions), and remain in effect. On October 26, 2016, EPA promulgated the CSAPR Update to establish the provisions of 40 CFR Part 97, Subpart EEEEE (relating to CSAPR NO_x Ozone Season Group 2 Trading Program), to replace the previously-established CAIR NO_x Ozone Season Trading Program and CSAPR NO_x Ozone Season Group 1 Trading Program for certain states, including Pennsylvania, beginning with the 2017 ozone season. On April 30, 2021, EPA promulgated the Revised CSAPR Update to

**SECTION E. Source Group Restrictions.**

establish the provisions of 40 CFR Part 97, Subpart GGGGG (relating to CSAPR NOx Ozone Season Group 3 Trading Program), to replace the provisions of 40 CFR Part 97, Subpart EEEEE, for certain states, including Pennsylvania, beginning with the 2021 ozone season (though DEP will accept CSAPR NOx Ozone Season Group 2 allowances of current year vintage from other states, if available). Accordingly, the permittee shall surrender CSAPR NOx Annual allowances and either CSAPR NOx Ozone Season Group 2 allowances or CSAPR NOx Ozone Season Group 3 allowances, as defined in 40 CFR §§ 97.402, 97.802, and 97.1002, respectively, instead of the CAIR NOx allowances and CAIR NOx Ozone Season allowances indicated in 25 Pa. Code § 129.204(c), as the latter are no longer available.]

[40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6585]**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****Am I subject to this subpart?**

The stationary RICE must meet the definition of an emergency stationary RICE in 40 CFR § 63.6675, which includes operating according to the provisions specified in 40 CFR § 63.6640(f).

VII. ADDITIONAL REQUIREMENTS.

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

***** Permit Shield in Effect. *****

**SECTION E. Source Group Restrictions.**

Group Name: GRP 3 - ALL BOILERS

Group Description: Shared Conditions for Boilers (Sources ID(s): 031, 032, 033 and 037)

Sources included in this group

ID	Name
031	BOILER 1C, CUP-1
032	BOILER 2B, CUP-1
033	BOILER 3A, CUP-1
037	BOILERS 1 & 2, CUP-2

I. RESTRICTIONS.**Emission Restriction(s).****[40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.42c]****Subpart Dc - Standards of Performance for Small Industrial- Commercial-Institutional Steam Generating Units
Standard for sulfur dioxide.**

The permittee shall not cause to be discharged into the atmosphere any gases that contain SO₂ in excess of 0.50 lb/MMBtu heat input.

[Compliance with this condition assures compliance with streamlined condition 25 Pa. Code § 123.22(e)(1).]

[40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.44c]**Subpart Dc - Standards of Performance for Small Industrial- Commercial-Institutional Steam Generating Units
Compliance and performance test methods and procedures for sulfur dioxide.**

The permittee shall demonstrate compliance with the SO₂ standards based on fuel supplier certification. The performance test shall consist of the certification from the fuel supplier, as described under 60.48c(f)(1), pursuant to 40 CFR § 60.44c(h).

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

(a) A person may not offer for sale, deliver for use, exchange in trade or permit the use of commercial fuel oil in a combustion unit in the Southeast Pennsylvania air basin if the commercial fuel oil contains sulfur in excess of 0.0015% by weight sulfur content, pursuant to 25 Pa. Code § 123.22(e)(2)(i), except as described in 25 Pa. Code § 123.22(e)(2)(ii) and (iii).

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

[Compliance with this condition assures compliance with streamlined conditions 25 Pa. Code § 123.22(e)(1) and 40 CFR 60.42c.]

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

[Additional authority for this permit condition is also derived from 25 Pa. Code §127.512]

(a) The permittee shall use only natural gas and No. 2 fuel oil as fuels for this source.

(b) The permittee shall use no reclaimed or waste oil or other materials shall be added to the No. 2 fuel oil when firing this source.

**SECTION E. Source Group Restrictions.****II. TESTING REQUIREMENTS.****[25 Pa. Code §139.16]****Sulfur in fuel oil.**

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

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

(2) Test methods and procedures for the determination of viscosity shall be that specified in 25 Pa. Code § 139.4(11) (relating to references). The viscosity shall be determined at 100°F.

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

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

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

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

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512]

(a) The permittee shall monitor the amount and type of fuel used for this source on a daily basis.

(b) The permittee shall monitor the hours of operation, daily.

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

The permittee shall monitor by calculation the NO_x and CO emissions on a monthly and 12-month rolling basis.

IV. RECORDKEEPING REQUIREMENTS.**[25 Pa. Code §123.22]****Combustion units**

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

(a) The date of the sale or transfer.

(b) The name and address of the transferor.

(c) The name and address of the transferee.

(d) The volume of commercial fuel oil being sold or transferred.

(e) The identification of the sulfur content of the shipment of commercial fuel oil, determined using the sampling and testing methods specified in 25 Pa. Code § 123.22(f)(1) and § 139.16, expressed as one of the following statements:

a. For a shipment of No. 2 and lighter commercial fuel oil:

i. Prior to September 1, 2020 - "The sulfur content of this shipment is 500 ppm or below."

**SECTION E. Source Group Restrictions.**

ii. On and after September 1, 2020 -“The sulfur content of this shipment is 15 ppm or below.”

(f) The location of the commercial fuel oil at the time of transfer.

[25 Pa. Code §127.441]

Operating permit terms and conditions.

- (a) The permittee shall record the NOx and CO emissions for this source on a monthly and 12-month rolling basis.
- (b) The permittee shall record the hours of operation, daily.
- (c) The permittee shall record and maintain records of the amounts of each fuel combusted during each day.

[40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.48c]

Subpart Dc - Standards of Performance for Small Industrial- Commercial-Institutional Steam Generating Units Reporting and recordkeeping requirements.

The permittee shall show compliance to the SO₂ emission limits, fuel oil sulfur limits, of 40 CFR 60.42c by maintaining records and submit reports as required.

(a) The fuel supplier certification shall be used to demonstrate compliance, records of fuel supplier certification shall be used to demonstrate compliance, records of fuel supplier certification as described under 40 CFR 60.48c(f)(1). In addition to records of the fuel supplier certifications, the report shall include a certified statement signed by the owner or operator of the permittee that records of fuel supplier certifications submitted represent all of the fuel combusted during the reporting period.

[40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.48c]

Subpart Dc - Standards of Performance for Small Industrial- Commercial-Institutional Steam Generating Units Reporting and recordkeeping requirements.

The permittee shall demonstrate compliance with the sulfur emission limits or fuel oil limits under Section 60.42c by maintaining the certifications from the fuel supplier, as described under 60.48c(f)(1)(below), pursuant to 40 CFR § 60.42c(h)(1).

- (a) The name of the oil supplier
- (b) A statement from the oil supplier that the oil complies with the specifications under the definition of distillate oil in 40 CFR 60.41c.
- (c) The sulfur content of the oil.

[Compliance with this condition assures compliance with streamlined condition 25 Pa. Code § 123.22(e)(2).]

V. REPORTING REQUIREMENTS.

[25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512]

The permittee shall submit a semi-annual report containing each 30-day average SO₂ emissions rate or 30-day average sulfur content. If the permittee is not in compliance with the standard a reason for noncompliance and a description of all corrective actions taken shall be included in the report.

[40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.48c]

Subpart Dc - Standards of Performance for Small Industrial- Commercial-Institutional Steam Generating Units Reporting and recordkeeping requirements.

[40 CFR Part 60 Standards of Performance for New Stationary Sources § 40 CFR 60.48c(j)]

Subpart Dc - Standards of Performance for Small Industrial - Commercial - Institutional Steam Generating Units

The reporting period for the reports required under NSPS Subpart Dc is each six - month period. All reports shall be submitted to the Department and shall be postmarked by the 30th day following the end of the reporting period.

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

[25 Pa. Code §127.441]

Operating permit terms and conditions.

This source shall be operated and maintained in accordance with manufacturer's specifications.

[40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63 Subpart JJJJJJ Table 2]

Subpart JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources

Subpart JJJJJJ of Part 63_ Work Practice Standards, Emission Reduction Measures, and Management Practices

As stated in 40 CFR § 63.11201, the owner or operator of an existing oil-fired boiler (with heat input capacity of 10 MMBtu/hr and greater) must comply with the following applicable work practice standards, emission reduction measures, and management practices of Table 2 to Subpart JJJJJJ of Part 63, bracket 16.

VII. ADDITIONAL REQUIREMENTS.

[40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11193]

Subpart JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources

Am I subject to this subpart?

(a) The owner or operator of an industrial, commercial, or institutional boiler as defined in 40 CFR § 63.11237 that is located at, or is part of, an area source of hazardous air pollutants (HAP), as defined in 40 CFR § 63.2, except as specified in 40 CFR § 63.11195.

(b) The boilers (Sources 031, 032, 033 and 037) are classified as institutional boilers within the oil subcategory as pursuant to 40 CFR § 63.11200.

[40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11237]

Subpart JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources

What definitions apply to this subpart?

Oil subcategory includes any boiler that burns any liquid fuel and is not in either the biomass or coal subcategories. Gas-fired boilers that burn liquid fuel only during periods of gas curtailment, gas supply interruptions, startups, or for periodic testing are not included in this definition. Periodic testing on liquid fuel shall not exceed a combined total of 48 hours during any calendar year.

***** Permit Shield in Effect. *****

**SECTION E. Source Group Restrictions.**

Group Name: GRP 4 - ALL GENERATORS

Group Description: Shared NO_x Conditions for EGENs (Source ID(s): 731, 732, 734 and G08)

Sources included in this group

ID	Name
731	G01, G02, G03 EMERGENCY GENERATORS
732	G04, G05, G06, G07 EMERGENCY GENERATORS
734	G09 EMERGENCY GENERATOR
G08	G08 EMERGENCY GENERATOR

I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

[25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall monitor the NO_x emissions for this source on a monthly basis and as a 12-month rolling sum.

IV. RECORDKEEPING REQUIREMENTS.

[25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall calculate and maintain records of NO_x emissions for this source on a monthly basis and as a 12-month rolling sum.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

***** Permit Shield in Effect. *****

**SECTION E. Source Group Restrictions.**

Group Name: GRP 5 - BOILER NESHAP JJJJJ

Group Description: Shared NESHAP conditions for Boilers (Sources ID(s): 031, 032, 033 and 037)

Sources included in this group

ID	Name
031	BOILER 1C, CUP-1
032	BOILER 2B, CUP-1
033	BOILER 3A, CUP-1
037	BOILERS 1 & 2, CUP-2

I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.**[40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11225]****Subpart JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****What are my notification, reporting, and recordkeeping requirements?**

(a) The permittee shall maintain the following records:

(1) A copy of each notification and report that you submitted to comply with Subpart JJJJJJ and all documentation supporting any Initial Notification or Boiler MACT Compliance Notification report that has been submitted.

(2) Records to document conformance with the work practices and management practices as specified in the following paragraphs:

(i) Records must identify each boiler, the date of tune-up, the procedures followed for tune-up, and the manufacturer's specifications to which the boiler was tuned.

(ii) For each boiler required to conduct an energy assessment, you must keep a copy of the energy assessment report.

(b) Records must be kept in a form suitable and readily available for expeditious review. Records shall be kept on-site or be accessible from a central location by computer or other means that instantly provide access at the site.

V. REPORTING REQUIREMENTS.**[40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11214]****Subpart JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****How do I demonstrate initial compliance with the work practice standard, emission reduction measures, and management practice?**

(a) The permittee shall submit a signed statement in the Boiler MACT Compliance Notification report that indicates that a tune-up of the boiler was conducted.

(b) The permittee shall submit a signed certification in the Boiler MACT Compliance Notification report that an energy assessment of the boiler and its energy use systems was completed according to Table 2 of Subpart JJJJJJ and is an accurate depiction of the facility.

**SECTION E. Source Group Restrictions.****[40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11225]****Subpart JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****What are my notification, reporting, and recordkeeping requirements?**

(a) The following shall be submitted to the Department and EPA:

(1) A Boiler MACT Compliance Notification no later than 120 days after the applicable compliance date. The Boiler MACT Compliance Notification shall be submitted in accordance with paragraphs (a)(1)(i) through (iii) of this condition. The Boiler MACT Compliance Notification must include the information and certification(s) of compliance in paragraphs (a)(1)(i) and (ii) of this section, as applicable, and signed by a responsible official.

(i) "This facility complies with the requirements in 40 CFR § 63.11214 to conduct an initial tune-up of the boiler."

(ii) "This facility has had an energy assessment performed according to 40 CFR § 63.11214(c)."

(iii) The Boiler MACT Compliance Notification must be submitted electronically using the Compliance and Emissions Data Reporting Interface (CEDRI) that is accessed through EPA's Central Data Exchange (CDX) (www.epa.gov/cdx). However, if the reporting form specific to this subpart is not available in CEDRI at the time that the report is due, the written Boiler MACT Compliance Notification must be submitted to the following address:

United States Environmental Protection Agency
Region III, Enforcement & Compliance Assurance Division
Air, RCRA and Toxics Branch (3ED21)
Four Penn Center
1600 John F. Kennedy Boulevard
Philadelphia, Pennsylvania 19103-2852

[Note: The Notice of Compliance Status (NOCS) for the Area Source Boiler MACT Rule was submitted by the company on April 11, 2014.]

(b) The permittee shall prepare a Boiler MACT Compliance Report every 5 years as specified in paragraphs (b)(1) to (3) of this condition.

(1) Company name and address.

(2) Statement by a responsible official, with the official's name, title, phone number, email address, and signature, certifying the truth, accuracy and completeness of the notification and a statement of whether the source has complied with all the relevant standards and other requirements of this subpart. Your notification must include the following certification(s) of compliance, as applicable, and signed by a responsible official:

(i) "This facility complies with the requirements in 40 CFR § 63.11223 to conduct a biennial or 5-year tune-up, as applicable, of each boiler."

(ii) For units that do not qualify for a statutory exemption as provided in section 129(g)(1) of the Clean Air Act: "No secondary materials that are solid waste were combusted in any affected unit."

(3) If the source experiences any deviations from the applicable requirements during the reporting period, include a description of deviations, the time periods during which the deviations occurred, and the corrective actions taken.

VI. WORK PRACTICE REQUIREMENTS.

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

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

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

***** Permit Shield in Effect. *****

**SECTION F. Alternative Operation Requirements.**

No Alternative Operations exist for this Title V facility.

**SECTION G. Emission Restriction Summary.**

Source Id	Source Description		
031	BOILER 1C, CUP-1		
Emission Limit			Pollutant
26.160	Tons/Yr	For each boiler (Source IDs 031,032, and 033) running on natural gas.	NOX
49.900	Tons/Yr	Total for all boilers - Source IDs 031, 032 and 033.	NOX
0.340	Lbs/MMBTU		PM10
0.500	Lbs/MMBTU		SO2
032	BOILER 2B, CUP-1		
Emission Limit			Pollutant
26.160	Tons/Yr	For each boiler (Source IDs 031,032, and 033) running on natural gas.	NOX
49.900	Tons/Yr	Total for all boilers - Source IDs 031, 032 and 033.	NOX
0.340	Lbs/MMBTU		PM10
0.500	Lbs/MMBTU		SO2
033	BOILER 3A, CUP-1		
Emission Limit			Pollutant
26.160	Tons/Yr	For each boiler (Source IDs 031,032, and 033) running on natural gas.	NOX
49.900	Tons/Yr	Total for all boilers - Source IDs 031, 032 and 033.	NOX
0.340	Lbs/MMBTU		PM10
0.500	Lbs/MMBTU		SO2
037	BOILERS 1 & 2, CUP-2		
Emission Limit			Pollutant
0.400	Lbs/MMBTU		PM10
0.500	Lbs/MMBTU		SO2
734	G09 EMERGENCY GENERATOR		
Emission Limit			Pollutant
0.260	Tons/Yr	12-month rolling sum	CO
0.640	GRAMS/HP-Hr	if less stringent than lb/hr restriction	CO
4.120	Lbs/Hr	if less stringent than gm/hp-hr restriction	CO
1,160.000	ppbv	dry, at 15% oxygen	Formaldehyde
2.790	Tons/Yr	12-month rolling sum	NOX
6.900	GRAMS/HP-Hr		NOX
44.700	Lbs/Hr		NOX
0.020	Tons/Yr	12-month rolling sum	TSP
0.043	GRAMS/HP-Hr	if less stringent than lb/hr restriction	TSP
0.280	Lbs/Hr	if less stringent than gm/hp-hr restriction	TSP
0.073	Tons/Yr	12-month rolling sum	VOC
0.180	GRAMS/HP-Hr	if less stringent than lb/hr restriction	VOC
1.160	Lbs/Hr	if less stringent than gm/hp-hr restriction	VOC

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

Emission Limit	Pollutant
49.900 Tons/Yr	NOX
21.300 Tons/Yr	VOC

**SECTION H. Miscellaneous.**

#001. Certain terms and conditions of this permit are based on the previous operating permit, permit number OP-46-0048B, plan approval PA-46-00048 and previous general permit, permit number 46-302-221GP.

#002. The following activities have been determined insignificant:

- (a) cooling towers that do not use Chromium-based chemicals
- (b) Natural Gas - or propane-fired fork lift trucks
- (c) Miscellaneous fuel tanks used to service emergency electric generators, guest house furnace, and mobile equipment (less than 1,000 gallons).
- (d) Sources containing less than 50 pounds of regulated CFCs.
- (e) CFC emissions from servicing the chiller and air conditioning systems.
- (f) Hazardous waste storage areas.
- (g) 175 KW propane-fired space heater.
- (h) 250,000 BTUH Guest House Boiler (furnace)
- (i) 2.4 MMBTU/hr CUP 2 Hot Water Heater
- (j) Facility maintenance operations and shops

#003. As notified on 11/21/2008, the 250,000 MMBtu/hr Guest House Boiler listed in (B)(h) of this section, has been removed from the facility.

#004. This administrative amendment is being processed under APS # 345757 and AUTH # 832397.

(a) The current issuance of this Operating Permit reflects the incorporation of Plan Approvals 46-0048E, 46-0048D and 46-0048C. Plan Approval 46-0048E modified and incorporated Plan Approval 46-0048D, which in turn modified Plan Approval 46-0048C.

(b) With this issuance, the following non-operative sources are removed from the Operating Permit:

Source ID - Source Name
102 - Process Development Lab
DC10 - Baghouse with Cyclone
FC11 - Fabric Collector for Proc Dev Lab
FS12 - Fume Scrubber Proc Dev Lab
FS13 - Fume Scrubber for Proc Dev Lab
SC14 - (11) Pri and (4) Sec Condensers
S51 - Stack for Fabric collector (FC11)
S52 - Stack for Fume Scrubber (FS12)
S53 - Stack for Fume Scrubber (FS13)

#005. The conversion factor, VOC = 1.053 THC, as reported in Conversion Factors for Hydrocarbon Emissions Components NR-002b EPA420-P-04-001, may be used to convert between emissions expressed as Volatile Organic Compounds (VOC) and Total Hydrocarbons (THC).

#006. The Fuel Tank T02, listed in Section A, is included for informational purposes with Source ID 734. This Operating Permit does not require fuel for Source ID 734 to be supplied specifically from tank T02.

#007. A permit renewal is being processed under APS No. 345757; AUTH No. 986200. January 2014.

#008. Section C: Tiered monitoring requirements for malodors, visible emissions, and fugitive emissions. Although the condition in Section C, Condition #011 states daily, Wyeth has been previously approved for monthly monitoring of malodors, visible emissions, and fugitive emissions. Wyeth shall continue to perform this monitoring on a monthly basis.

#009. The reports required under this permit have the following due dates:

- (a) Semi-annual deviation report: October 1st
- (b) Semi-annual SO_x emissions report: April 30th and October 30th (NSPS Subpart Dc)
- (c) Annual certification of compliance: April 1st
- (d) Annual source report/emission statement: March 1st
- (e) Annual ozone season NO_x report: November 1st
- (f) Boiler MACT Initial Compliance Notification: March 21, 2014
- (g) Boiler MACT Compliance Notification: July 1, 2015, and every 5 years thereafter

**SECTION H. Miscellaneous.**

#010. Administrative Amendment processed under APS No. 345757 and AUTH No. 1093919.

(i) The Title V Operating Permit is being opened for cause by the Department in order to include a reporting condition to Source ID 037. The condition requires the permittee to submit semi-annual reports containing each 30-day average SO₂ emissions rate or 30-day average sulfur content. This requirement is derived from 40 C.F.R. § 60.48c(e)(2).

(ii) This amendment also corrects a grammatical error to Condition #004, for Source ID G08, which contained a double negative on the operating hour restriction.

#011. Minor modification processed under APS No. 345757 and AUTH No. 1156685.

(i) To remain below the applicable NO_x thresholds of RACT II (25 Pa. Code §§ 129.96-129.100), the facility has taken a voluntary facility-wide NO_x emission restriction to less than 100 tons per year. The existing facility-wide NO_x emission limit in Section C, Condition #007(a), will be reduced from 151.0 tons per year to 95.0 tons per year, calculated on a 12-month rolling basis.

#012. An Administrative Amendment is being processed under APS No. 345757 and AUTH No. 1187024, to revise the permit contact information in accordance with 25 Pa. Code § 127.450(a)(2). No other changes were made to the Title V Operating Permit.

#013. This Title V Operating Permit is being renewed under APS No. 345757 and AUTH No. 1237368. The facility has undergone a name change from Wyeth Pharmaceuticals, LLC to Wyeth, LLC. There have been no changes or modifications to any of the existing sources. There have been no new sources added. There have been no changes to any applicable requirements.

#014. The TVOP 46-00048 (APS ID: 983765, AUTH ID: 1256889) has been renewed.

#015. December 2023 - Administrative Amendment AUTH ID 1457568 to address a change of ownership from Wyeth, LLC (Tax ID 14-1396954) to Collegeville Holdings, LLC (Tax ID 88-0846571).

#016. May 2025. APS ID: 1098403. AUTH ID's: 1462162 and 1524546. Permit Renewal. There have been no changes to any of the existing sources. There have been no new sources added. Minor Modification (AUTH ID: 1524546) has been incorporated into the renewal. The facility opts out of RACT III applicability by reducing site-wide NO_x emission limits to 49.9 tpy, including limiting combined NO_x emissions from boilers under Source IDs 031, 032, and 033 to 49.9 tpy on a 12-month rolling basis.



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