



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

TITLE V/STATE OPERATING PERMIT

Issue Date: September 24, 2026

Effective Date: September 24, 2026

Expiration Date: September 23, 2031

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: 53-00006

Federal Tax Id - Plant Code: 55-0629203-4

Owner Information

Name: EASTERN GAS TRANS & STORAGE INC
Mailing Address: 10700 ENERGY WAY
GLEN ALLEN, VA 23060-9243

Plant Information

Plant: EASTERN GAS TRANS & STORAGE INC/ELLISBURG STA
Location: 53 Potter County 53909 Genesee Township
SIC Code: 4922 Trans. & Utilities - Natural Gas Transmission

Responsible Official

Name: JOHN M LAMB
Title: VP EASTERN PIPELINE OPR
Phone: (804) 273 - 4327 Email: matt.lamb@bhegts.com

Permit Contact Person

Name: SARAH JEAN CRANE
Title: ENV SPECIALIST II
Phone: (804) 965 - 3360 Email: Sarah.Crane@BHEGTS.com

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



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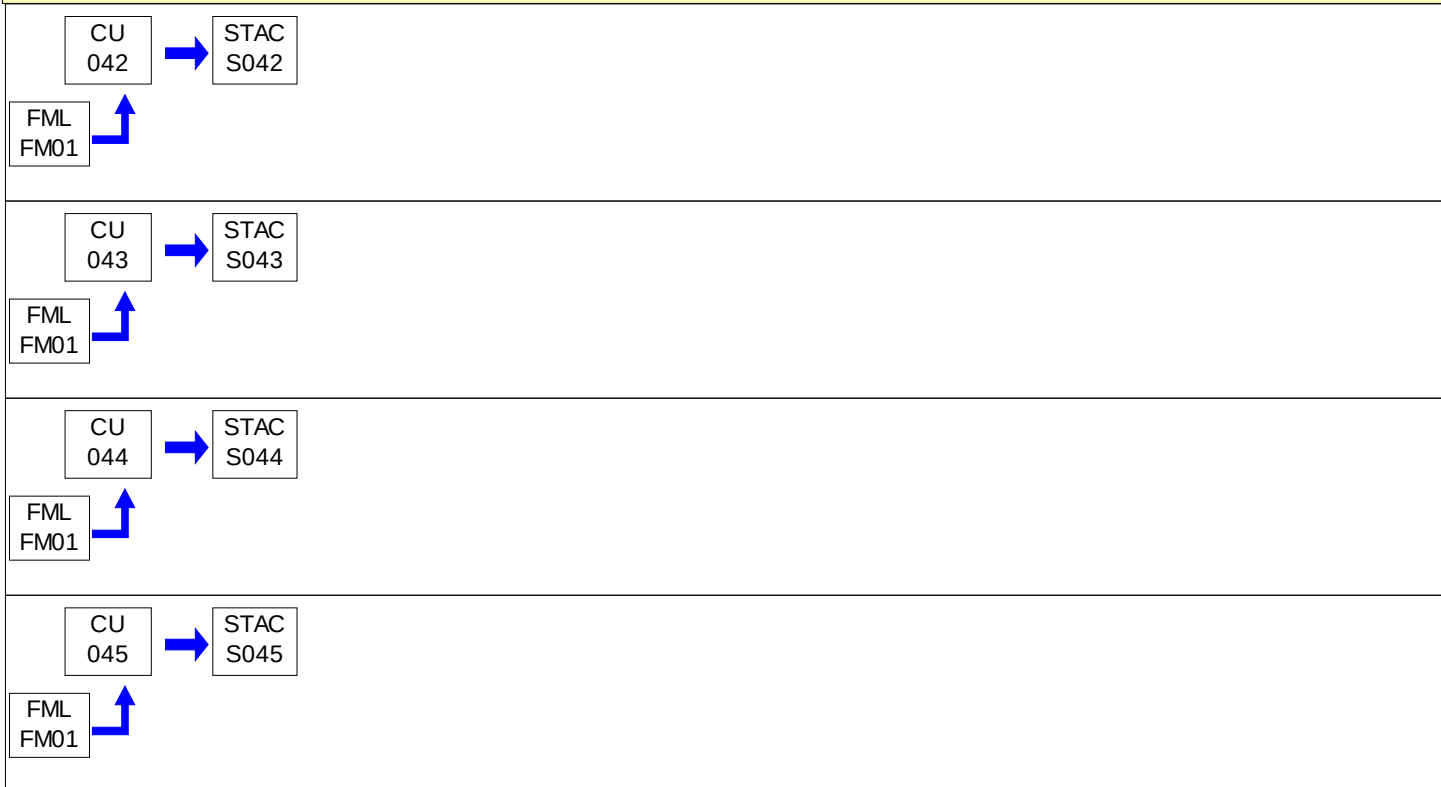
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**SECTION A. Site Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
042	HEATER 1 (NATCO)		
043	HEATER 2 (NATCO)		
044	HEATER 3 (NATCO)		
045	HEATER 4 (NATCO)		
047	BOILER 1 (BRYAN BOILERS)		
049	SPACE HEATER		
050	WATER HEATER (RUDD)		
051	SPACE HEATERS (TRANE)		
052	HEATER 5 (NATCO)		
053	HEATER 6 (NATCO)		
054	SMALL COMBUSTION UNITS		
P01	FUGITIVE VOC SOURCES		
P02	FACILITY BLOWDOWN EMISSIONS		
P101	ENGINE 1 (CLARK 1100 HP)		
P102	ENGINE 2 (CLARK 1100 HP)		
P103	ENGINE 3 (CLARK 2000 HP)		
P104	ENGINE 4 (CLARK 2000 HP)		
P105	ENGINE 5 (CLARK 2000 HP)		
P106	ENGINE 6 (CLARK 3400 HP)		
P107	ENGINE 7 (CLARK 3400 HP)		
P108	ENGINE 8 (CLARK 3400 HP)		
P205	EMERGENCY GAS BLOWDOWN		
P206	21 MISC VENTS		
P209	2 STORAGE TANKS (PRESSURE < 1.5 PSIA)		
P209A	5 STORAGE TANKS (VP < 1.5 PSIA)		
P210	METHANOL STORAGE TANK (PRESSURE > 1.5 PSIA)		
P213	13 ENG/COMPRESSOR VENTS		
P214	2 DISTILLATE TANKS		
P215	10,000 GALLON DEHY WATER TANK		
P221	EMERGENCY GENERATOR		
FM01	NATURAL GAS PIPELINE		
FM02	DIESEL FUEL TANKS		
S042	HEATER 1 STACK		
S043	HEATER 2 STACK		
S044	HEATER 3 STACK		
S045	HEATER 4 STACK		
S047	BOILER 1 STACK		
S049	SPACE HEATER STACKS		
S050	RUDD STACKS		
S051	TRANE STACKS		

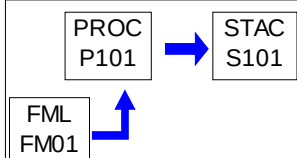
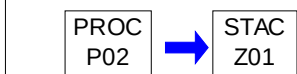
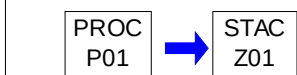
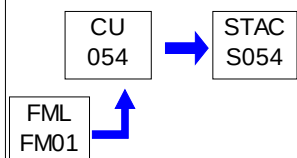
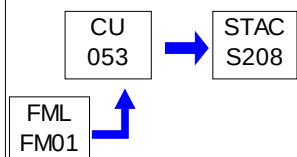
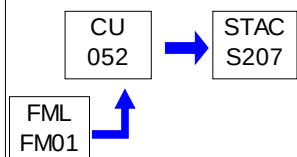
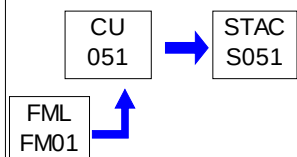
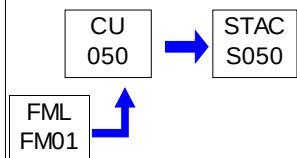
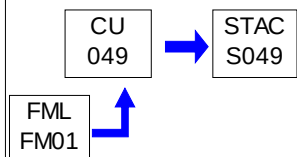
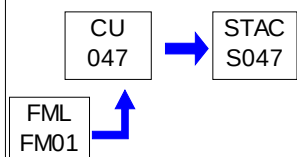
**SECTION A. Site Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
S054	SPACE HEATER STACK		
S101	ENGINE 1 STACK		
S102	ENGINE 2 STACK		
S103	ENGINE 3 STACK		
S104	ENGINE 4 STACK		
S105	ENGINE 5 STACK		
S106	ENGINE 6 STACK		
S107	ENGINE 7 STACK		
S108	ENGINE 8 STACK		
S207	HEATER 5 STACK		
S208	HEATER 6 STACK		
S209	OIL TANK STACKS		
S209A	STORAGE TANK STACKS		
S210	STORAGE TANK STACKS		
S214	DRIP GAS TANK STACKS		
S215	DEHY TANK STACK		
S221	CATERPILLAR AUXILIARY GENERATOR STACK		
Z01	FACILITY FUGITIVES		

PERMIT MAPS

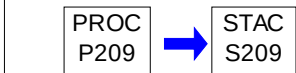
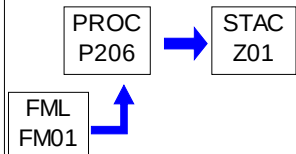
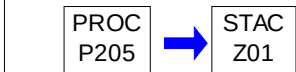
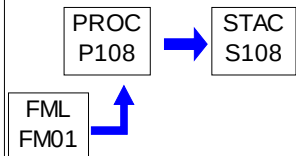
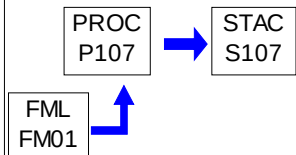
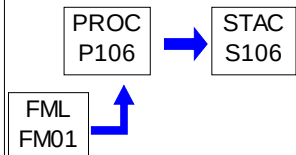
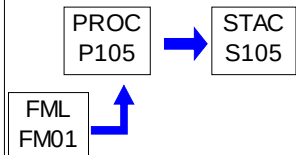
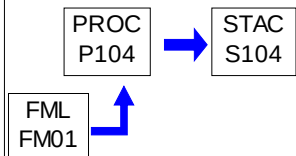
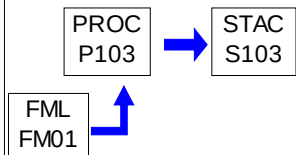
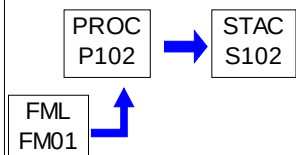


PERMIT MAPS





PERMIT MAPS



**PERMIT MAPS**

PROC
P209A → STAC
S209A

PROC
P210 → STAC
S210

PROC
P213 → STAC
Z01

PROC
P214 → STAC
S214

PROC
P215 → STAC
S215

PROC
P221 → STAC
S221

FML
FM02 ↗

**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

**SECTION B. General Title V Requirements**

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 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.

**SECTION B. General Title V Requirements****#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.

#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.

**SECTION B. General Title V Requirements****#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].

#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.

**SECTION B. General Title V Requirements****#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.

(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

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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.

(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.

**SECTION B. General Title V Requirements**

(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 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

**SECTION B. General Title V Requirements**

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 § 127.513]**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.

#025 [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.
- (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.

**SECTION B. General Title V Requirements****#026 [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.

#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:

**SECTION B. General Title V Requirements**

- (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.
- (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.

**SECTION B. General Title V Requirements**

(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).****# 001 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

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

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

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

No person may permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in condition #001(a) (1) - (7) above if the emissions are visible at the point the emissions pass outside the person's property.

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

No person may permit the emission into the outdoor atmosphere of visible air contaminants in such a manner that the opacity of the emission is either of the following:

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

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

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

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

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

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

**SECTION C. Site Level Requirements**

(a) At least sixty (60) days prior to the performance of any testing required by the permit, a pre-test plan shall be submitted to the Department for evaluation. This test plan shall contain the specific testing and analytical procedures to be used in performing the testing.

(b) The Department shall be given at least fourteen (14) days advance notice of the specific dates and times for the performance of any testing required by this permit in order that Department personnel can arrange to be present. The Department is under no obligation to accept the results of any testing performed without adequate advance notice having been given to the Department.

(c) Within sixty (60) days of completion of any testing required by this permit, two copies of a test report shall be submitted to the Department. The report shall contain the results of the testing reported in pounds/hour and/or grams per brake horsepower-hr, a description of the testing and analytical procedures actually used, all engine operating data collected during the tests, a copy of all raw data and a copy of the calculations generated during data analysis. The test report shall specifically identify the horsepower at which each engine was operating during each of the test runs or, alternately, shall provide an acceptable demonstration that the engines were operated at full load/full speed conditions during the testing.

006 [25 Pa. Code §139.1]**Sampling facilities.**

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

007 [25 Pa. Code §139.11]**General requirements.**

The following are applicable to source tests for determining emissions from stationary sources:

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

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

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

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

(3) The location of sampling ports.

(4) Effluent characteristics, including velocity, temperature, moisture content, gas density (percentage CO, CO₂, O₂ and N₂), static and barometric pressures.

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

(6) Laboratory procedures and results.

(7) Calculated results.

**SECTION C. Site Level Requirements****III. MONITORING REQUIREMENTS.****# 008 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

- (a) The permittee shall perform monthly audio, visual and olfactory (AVO) inspections to ensure the fugitive air contaminant emissions are minimized.
- (b) Any leak detected during the monthly AVO inspection shall be repaired within 15 calendar days of detection unless facility shutdowns or ordering of replacement parts are necessary for repair of the leaks.

009 [25 Pa. Code §123.43]**Measuring techniques**

Visible emissions may be measured using either of the following:

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

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

[Additional authority for this condition is derived from 25 Pa. Code Section 129.100]

- (a) The permittee shall keep a logbook, or uneditable electronic record, of the following for the AVO inspections:
- (1) the date of each inspection,
 - (2) initials or name(s) of the person(s) conducting each inspection,
 - (3) the date each leak is detected,
 - (4) the specific location of the leak,
 - (5) the repair performed to eliminate the leak,
 - (6) the date the leak is repaired,
 - (7) the action/inspection taken to determine that the leak is repaired, and
 - (8) the initials or name(s) of the person(s) repairing the leak.
- (b) All records generated pursuant to this condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

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

- (a) The permittee shall keep a comprehensive and accurate logbook, or uneditable electronic record, of the facility inspections performed. The logbook, or uneditable electronic record, shall include records of instances of visible emissions, visible fugitive emissions and malodorous air emissions, the name of the company representative monitoring these instances, the date and time of each occurrence, and the wind direction during each instance.
- (b) All records generated pursuant to this permit condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

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

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

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

- (a) The permittee shall submit the annual compliance certifications to the Department and EPA Region III, as specified in Condition #024 of Section B, General Title V Requirements, no later than September 1 (from July of the previous year

**SECTION C. Site Level Requirements**

through June of the current year).

(b) The permittee shall submit the semiannual reports of required monitoring to the Department, as specified in Condition #023 of Section B, General Title V Requirements, no later than September 1 (for January through June) and March 1 (for July through December of the previous year).

014 [25 Pa. Code §127.442]**Reporting requirements.**

(a) The permittee shall report malfunctions to the Department. A malfunction is any sudden, infrequent, and not reasonably preventable failure of air pollution control equipment, process equipment, or a process to operate in a normal or usual manner. Failures that are caused in part by poor maintenance or careless operation are not malfunctions.

(b) Failures that are caused in part by poor maintenance or careless operation shall be reported as excess emissions or deviations from the operating permit requirements.

(c) When the malfunction, excess emissions or deviation from this operating permit requirements poses an imminent danger to the public health, safety, welfare, or environment shall be reported by telephone to the Department and the County Emergency Management Agency within one (1) hour after the incident. The owner or operator shall submit a written report of instances of such incidents to the Department within three (3) business days of the telephone report.

(d) Except as reported to the Department in accordance with 25 Pa. Code Chapter 139 and the Department's Continuous Source Monitoring Manual, any malfunction or excess emissions that is not subject to the notice requirements of subsection (c) of this operating permit condition shall be reported to the Department within 24 hours of discovery or the next business day. In notifying the Department, the permittee shall describe the following:

- (i) name and location of the facility;
- (ii) nature and cause of the malfunction or breakdown;
- (iii) time when the malfunction or breakdown was first observed;
- (iv) expected duration of excess emissions;
- (v) estimated rate of emissions; and
- (vi) corrective actions or preventative measures taken.

(e) The permittee shall notify the Department within 24 hours, or the next business day, when corrective measures have been accomplished.

(f) Upon the request of the Department, the permittee shall submit a full written report to the Regional Air Program Manager within 15 days of the malfunction, excess emissions or deviation from the operating permit requirements.

015 [25 Pa. Code §135.21]**Emission statements**

(a) The permittee shall provide the Department an Air Information Management System (AIMS) emission report of each stationary source in a form prescribed by the Department, showing the actual emissions of oxides of nitrogen and volatile organic compounds (VOCs) from the permitted facility for each reporting period, a description of the method used to calculate the emissions and the time period over which the calculation is based.

(b) The annual Air Information Management System (AIMS) emission report is due by March 1 for the preceding calendar year and shall contain a certification by a company officer or the plant manager that the information contained in the statement is accurate. The permittee shall provide data consistent with requirements and guidance developed by the EPA.

(c) The Department may require more frequent submittals if the Department determines that one or more of the following applies:

(1) A more frequent submission is required by the EPA.

(2) Analysis of the data on a more frequent basis is necessary to implement the requirements of the Air Pollution Control Act.

**SECTION C. Site Level Requirements****# 016 [25 Pa. Code §135.3]****Reporting**

(a) A person who owns or operates a source to which 25 Pa. Code Chapter 135 applies, and who has previously been advised by the Department to submit an annual Air Information Management System (AIMS) emission report, shall submit by March 1 of each year an annual Air Information Management System (AIMS) emission report for the preceding calendar year. The report shall include information for all previously reported sources, new sources, which were first operated during the preceding calendar year and sources modified during the same period which were not previously reported.

(b) A person who receives initial notification by the Department that an annual Air Information Management System (AIMS) emission report is necessary shall submit an initial annual Air Information Management System (AIMS) emission report within sixty (60) days after receiving the notification or by March 1 of the year following the year for which the report is required, whichever is later.

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

VI. WORK PRACTICE REQUIREMENTS.**# 017 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

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

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

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

(3) Paving and maintenance of roadways.

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

VII. ADDITIONAL REQUIREMENTS.**# 018 [25 Pa. Code §121.7]****Prohibition of air pollution.**

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

019 [25 Pa. Code §123.31]**Limitations**

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

020 [25 Pa. Code §129.14]**Open burning operations**

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

VIII. COMPLIANCE CERTIFICATION.

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

IX. COMPLIANCE SCHEDULE.

No compliance milestones exist.



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

**SECTION D. Source Level Requirements**

Source ID: 042

Source Name: HEATER 1 (NATCO)

Source Capacity/Throughput:

Conditions for this source occur in the following groups: 10
14
18
23
6

**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.

001 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.48c]
Subpart Dc - Standards of Performance for Small Industrial- Commercial-Institutional Steam Generating Units
Reporting and recordkeeping requirements.

(a) The permittee shall record and maintain records of the amount of natural gas combusted on a monthly basis in Source ID 042.

(b) All records generated pursuant to this condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

002 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4]
Subpart A - General Provisions
Address.

The submission of all requests, reports, applications, submittals and other communications required by 40 CFR Part 60 Subpart Dc Sections 60.40c through 60.48c and 40 CFR Part 63 Subpart DDDDD Sections 63.7480 through 63.7575 shall be submitted to both the U. S. Environmental Protection Agency and the Department. The Environmental Protection Agency copies may be sent to:

R3_Air_Apps_and_Notices@epa.gov

and

The Pennsylvania Department of Environmental Protection

**SECTION D. Source Level Requirements**

Air Quality Program Manager
208 W. Third Street, Suite 101
Williamsport, PA 17701-6448

VI. WORK PRACTICE REQUIREMENTS.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this condition is derived from 25 Pa. Code Section 129.97(d)]

The permittee shall maintain and operate Source ID 042 in accordance with the manufacturer's specifications and with good operating practices.

004 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.7500]

Subpart DDDDD - National Emission Standards for Hazardous Air Pollutants for Major Sources: Industrial, Commercial and Institutional Boilers and Process Heaters.**What emission limits, work practice standards, and operating limits must I meet?**

The permittee shall conduct a tune-up of Source ID 042 by January 31, 2026, and annually thereafter as specified in 40 CFR Section 63.7540.

VII. ADDITIONAL REQUIREMENTS.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID 042 is a 24.5 million Btu per hour, natural gas-fired, NATCO model MB40-24B heater (#1).

006 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.40c]

**Subpart Dc - Standards of Performance for Small Industrial- Commercial-Institutional Steam Generating Units
Applicability and delegation of authority.**

Source ID 042 is subject to 40 CFR Part 60 Subpart Dc, Standards of Performance for Small Industrial- Commercial-Institutional Steam Generating Units. The permittee shall comply with all applicable requirements of Section 60.40c through 60.48c.

007 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.7485]

Subpart DDDDD - National Emission Standards for Hazardous Air Pollutants for Major Sources: Industrial, Commercial and Institutional Boilers and Process Heaters.**Am I subject to this subpart?**

Source ID 042 is subject to the requirements of 40 CFR Part 63 Subpart DDDDD Sections 63.7480 through 63.7575. The permittee shall comply with all applicable requirements of 40 CFR Part 63 Subpart DDDDD Sections 63.7480 through 63.7575.

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

**SECTION D. Source Level Requirements**

Source ID: 043

Source Name: HEATER 2 (NATCO)

Source Capacity/Throughput:

Conditions for this source occur in the following groups: 10
14
18
23
6

**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.

001 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.48c]
Subpart Dc - Standards of Performance for Small Industrial- Commercial-Institutional Steam Generating Units
Reporting and recordkeeping requirements.

(a) The permittee shall record and maintain records of the amount of natural gas combusted on a monthly basis in Source ID 043.

(b) All records generated pursuant to this condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

002 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4]
Subpart A - General Provisions
Address.

The submission of all requests, reports, applications, submittals and other communications required by 40 CFR Part 60 Subpart Dc Sections 60.40c through 60.48c and 40 CFR Part 63 Subpart DDDDD Sections 63.7480 through 63.7575 shall be submitted to both the U. S. Environmental Protection Agency and the Department. The Environmental Protection Agency copies may be sent to:

R3_Air_Apps_and_Notices@epa.gov

and

The Pennsylvania Department of Environmental Protection

**SECTION D. Source Level Requirements**

Air Quality Program Manager
208 W. Third Street, Suite 101
Williamsport, PA 17701-6448

VI. WORK PRACTICE REQUIREMENTS.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this condition is derived from 25 Pa. Code Section 129.97(d)]

The permittee shall maintain and operate Source ID 043 in accordance with the manufacturer's specifications and with good operating practices.

004 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.7500]

Subpart DDDDD - National Emission Standards for Hazardous Air Pollutants for Major Sources: Industrial, Commercial and Institutional Boilers and Process Heaters.**What emission limits, work practice standards, and operating limits must I meet?**

The permittee shall conduct a tune-up of Source ID 043 by January 31, 2026, and annually thereafter as specified in 40 CFR Section 63.7540.

VII. ADDITIONAL REQUIREMENTS.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID 043 is a 24.5 million Btu per hour, natural gas-fired, NATCO model MB40-24B heater (#2).

006 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.40c]

**Subpart Dc - Standards of Performance for Small Industrial- Commercial-Institutional Steam Generating Units
Applicability and delegation of authority.**

Source ID 043 is subject to 40 CFR Part 60 Subpart Dc, Standards of Performance for Small Industrial- Commercial-Institutional Steam Generating Units. The permittee shall comply with all applicable requirements of Sections 60.40c through 60.48c.

007 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.7485]

Subpart DDDDD - National Emission Standards for Hazardous Air Pollutants for Major Sources: Industrial, Commercial and Institutional Boilers and Process Heaters.**Am I subject to this subpart?**

Source ID 043 is subject to the requirements of 40 CFR Part 63 Subpart DDDDD Sections 63.7480 through 63.7575. The permittee shall comply with all applicable requirements of 40 CFR Part 63 Subpart DDDDD Sections 63.7480 through 63.7575.

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

**SECTION D. Source Level Requirements**

Source ID: 044

Source Name: HEATER 3 (NATCO)

Source Capacity/Throughput:

Conditions for this source occur in the following groups: 10
14
18
23
6

**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.

001 [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 record and maintain records of the amount of natural gas combusted on a monthly basis in Source ID 044.

(b) All records generated pursuant to this condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

002 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4]
Subpart A - General Provisions
Address.

The submission of all requests, reports, applications, submittals and other communications required by 40 CFR Part 60 Subpart Dc Sections 60.40c through 60.48c and 40 CFR Part 63 Subpart DDDDD Sections 63.7480 through 63.7575 shall be submitted to both the U. S. Environmental Protection Agency and the Department. The Environmental Protection Agency copies may be sent to:

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and

The Pennsylvania Department of Environmental Protection

**SECTION D. Source Level Requirements**

Air Quality Program Manager
208 W. Third Street, Suite 101
Williamsport, PA 17701-6448

VI. WORK PRACTICE REQUIREMENTS.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this condition is derived from 25 Pa. Code Section 129.97(d)]

The permittee shall maintain and operate Source ID 044 in accordance with the manufacturer's specifications and with good operating practices.

004 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.7500]

Subpart DDDDD - National Emission Standards for Hazardous Air Pollutants for Major Sources: Industrial, Commercial and Institutional Boilers and Process Heaters.**What emission limits, work practice standards, and operating limits must I meet?**

The permittee shall conduct a tune-up of Source ID 044 by January 31, 2026, and annually thereafter as specified in 40 CFR Section 63.7540.

VII. ADDITIONAL REQUIREMENTS.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID 044 is a 24.5 million Btu per hour, natural gas-fired, NATCO model MB40-24B heater (#3).

006 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.40c]

**Subpart Dc - Standards of Performance for Small Industrial- Commercial-Institutional Steam Generating Units
Applicability and delegation of authority.**

Source ID 044 is subject to 40 CFR Part 60 Subpart Dc, Standards of Performance for Small Industrial- Commercial-Institutional Steam Generating Units. The permittee shall comply with all applicable requirements of Section 60.40c through 60.48c.

007 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.7485]

Subpart DDDDD - National Emission Standards for Hazardous Air Pollutants for Major Sources: Industrial, Commercial and Institutional Boilers and Process Heaters.**Am I subject to this subpart?**

Source ID 044 is subject to the requirements of 40 CFR Part 63 Subpart DDDDD Sections 63.7480 through 63.7575. The permittee shall comply with all applicable requirements of 40 CFR Part 63 Subpart DDDDD Sections 63.7480 through 63.7575.

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

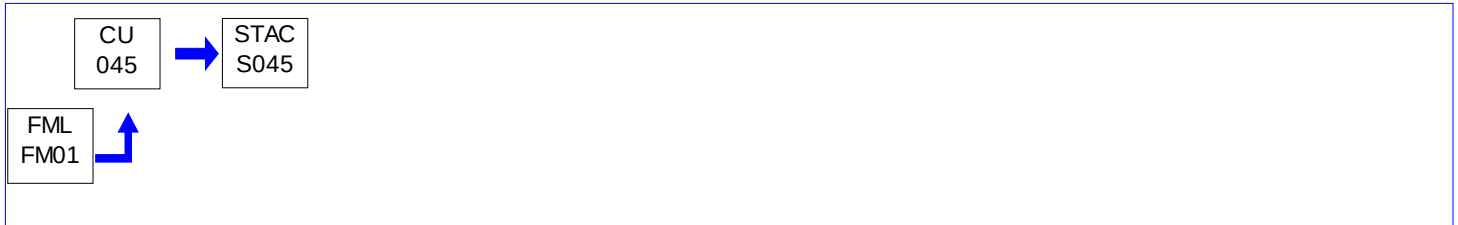
**SECTION D. Source Level Requirements**

Source ID: 045

Source Name: HEATER 4 (NATCO)

Source Capacity/Throughput:

Conditions for this source occur in the following groups: 10
14
18
23
6

**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.

001 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.48c]
Subpart Dc - Standards of Performance for Small Industrial- Commercial-Institutional Steam Generating Units
Reporting and recordkeeping requirements.

(a) The permittee shall record and maintain records of the amount of natural gas combusted on a monthly basis in Source ID 045.

(b) All records generated pursuant to this condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

002 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4]
Subpart A - General Provisions
Address.

The submission of all requests, reports, applications, submittals and other communications required by 40 CFR Part 60 Subpart Dc Sections 60.40c through 60.48c and 40 CFR Part 63 Subpart DDDDD Sections 63.7480 through 63.7575 shall be submitted to both the U. S. Environmental Protection Agency and the Department. The Environmental Protection Agency copies may be sent to:

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and

The Pennsylvania Department of Environmental Protection

**SECTION D. Source Level Requirements**

Air Quality Program Manager
208 W. Third Street, Suite 101
Williamsport, PA 17701-6448

VI. WORK PRACTICE REQUIREMENTS.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this condition is derived from 25 Pa. Code Section 129.97(d)]

The permittee shall maintain and operate Source ID 045 in accordance with the manufacturer's specifications and with good operating practices.

004 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.7500]

Subpart DDDDD - National Emission Standards for Hazardous Air Pollutants for Major Sources: Industrial, Commercial and Institutional Boilers and Process Heaters.**What emission limits, work practice standards, and operating limits must I meet?**

The permittee shall conduct a tune-up of Source ID 045 by January 31, 2026, and annually thereafter as specified in 40 CFR Section 63.7540.

VII. ADDITIONAL REQUIREMENTS.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID 045 is a 24.5 Million Btu per hour, natural gas-fired, NATCO model MB40-24B heater (#4).

006 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.40c]

**Subpart Dc - Standards of Performance for Small Industrial- Commercial-Institutional Steam Generating Units
Applicability and delegation of authority.**

Source ID 045 is subject to 40 CFR Part 60 Subpart Dc, Standards of Performance for Small Industrial- Commercial-Institutional Steam Generating Units. The permittee shall comply with all applicable requirements of Section 60.40c through 60.48c.

007 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.7485]

Subpart DDDDD - National Emission Standards for Hazardous Air Pollutants for Major Sources: Industrial, Commercial and Institutional Boilers and Process Heaters.**Am I subject to this subpart?**

Source ID 045 is subject to the requirements of 40 CFR Part 63 Subpart DDDDD Sections 63.7480 through 63.7575. The permittee shall comply with all applicable requirements of 40 CFR Part 63 Subpart DDDDD Sections 63.7480 through 63.7575.

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

**SECTION D. Source Level Requirements**

Source ID: 047

Source Name: BOILER 1 (BRYAN BOILERS)

Source Capacity/Throughput:

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

001 [25 Pa. Code §123.11]

Combustion units

No person may permit the emission into the outdoor atmosphere of particulate matter from Source ID 047 in excess of 0.4 pounds per million Btu of heat input.

002 [25 Pa. Code §123.22]

Combustion units

No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO₂, from Source ID 047 in excess of 4 pounds per million Btu of heat input over any 1-hour period.

Fuel Restriction(s).

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID 047 shall only be fired on pipeline quality natural gas.

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.

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

V. REPORTING REQUIREMENTS.

004 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.13]

Subpart A--General Provisions**Addresses of State air pollution control agencies and EPA Regional Offices.**

The submission of all requests, reports, applications, submittals and other communications required by 40 CFR Part 63 Subpart DDDDD Sections 63.7480 through 63.7575 shall be submitted to both the U. S. Environmental Protection Agency and the Department. The Environmental Protection Agency copies may be sent to:

R3_Air_Apps_and_Notices@epa.gov

**SECTION D. Source Level Requirements**

and

The Pennsylvania Department of Environmental Protection
Air Quality Program Manager
208 W. Third Street, Suite 101
Williamsport, PA 17701-6448

VI. WORK PRACTICE REQUIREMENTS.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this condition is derived from 25 Pa. Code Section 129.97(c)(3)]

The permittee shall maintain and operate Source ID 047 in accordance with the manufacturer's specifications and with good operating practices.

006 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.7500]

Subpart DDDDD - National Emission Standards for Hazardous Air Pollutants for Major Sources: Industrial, Commercial and Institutional Boilers and Process Heaters.

What emission limits, work practice standards, and operating limits must I meet?

The permittee shall conduct a tune-up of Source ID 047 once every five (5) years as specified in 40 CFR Section 63.7540.

VII. ADDITIONAL REQUIREMENTS.

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID 047 is a 4.5 million Btu per hour, natural gas-fired Bryan Boilers model RV450-W-FDG boiler.

008 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.7485]

Subpart DDDDD - National Emission Standards for Hazardous Air Pollutants for Major Sources: Industrial, Commercial and Institutional Boilers and Process Heaters.

Am I subject to this subpart?

Source ID 047 is subject to the requirements of 40 CFR Part 63 Subpart DDDDD Sections 63.7480 through 63.7575. The permittee shall comply with all applicable requirements of 40 CFR Part 63 Subpart DDDDD Sections 63.7480 through 63.7575.

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

**SECTION D. Source Level Requirements**

Source ID: 049

Source Name: SPACE HEATER

Source Capacity/Throughput:

Conditions for this source occur in the following groups: 13
14
18
20
24

**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.

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID 049 is an Empire model DV-215-9SG, natural gas fired space heater (less than 1 MMBtu/hr).

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

**SECTION D. Source Level Requirements**

Source ID: 050

Source Name: WATER HEATER (RUDD)

Source Capacity/Throughput:

Conditions for this source occur in the following groups: 13
14
18
20
24

**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.

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID 050 consists of a Rudd model #RH75-63-1 natural gas-fired hot water heater .

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

**SECTION D. Source Level Requirements**

Source ID: 051

Source Name: SPACE HEATERS (TRANE)

Source Capacity/Throughput:

Conditions for this source occur in the following groups: 13
14
18
20
24

**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.

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID 051 consists of three (3) model GPND017ADB1000 0.175 million Btu per hour natural gas-fired space heaters.

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

**SECTION D. Source Level Requirements**

Source ID: 052

Source Name: HEATER 5 (NATCO)

Source Capacity/Throughput:

Conditions for this source occur in the following groups: 13
14
18
23
9

**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.**# 001 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.13]****Subpart A--General Provisions****Addresses of State air pollution control agencies and EPA Regional Offices.**

The submission of all requests, reports, applications, submittals and other communications required by 40 CFR Part 63 Subpart DDDDD shall be submitted to both the U. S. Environmental Protection Agency and the Department. The Environmental Protection Agency copies may be sent to:

R3_Air_Apps_and_Notices@epa.gov

and

The Pennsylvania Department of Environmental Protection
Air Quality Program Manager
208 W. Third Street, Suite 101
Williamsport, PA 17701-6448

**SECTION D. Source Level Requirements****VI. WORK PRACTICE REQUIREMENTS.**

002 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.7500]

Subpart DDDDD - National Emission Standards for Hazardous Air Pollutants for Major Sources: Industrial, Commercial and Institutional Boilers and Process Heaters.

What emission limits, work practice standards, and operating limits must I meet?

The permittee shall conduct a tune-up of Source ID 052 by January 31, 2026, and annually thereafter as specified in 40 CFR Section 63.7540.

VII. ADDITIONAL REQUIREMENTS.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID 052 is a 1971 vintage, 11.0 million Btu per hour natural gas-fired. Natco salt bath heater (#5).

004 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.7485]

Subpart DDDDD - National Emission Standards for Hazardous Air Pollutants for Major Sources: Industrial, Commercial and Institutional Boilers and Process Heaters.

Am I subject to this subpart?

Source ID 052 is subject to the requirements of 40 CFR Part 63 Subpart DDDDD Sections 63.7480 through 63.7575. The permittee shall comply with all applicable requirements of 40 CFR Part 63 Subpart DDDDD Sections 63.7480 through 63.7575.

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

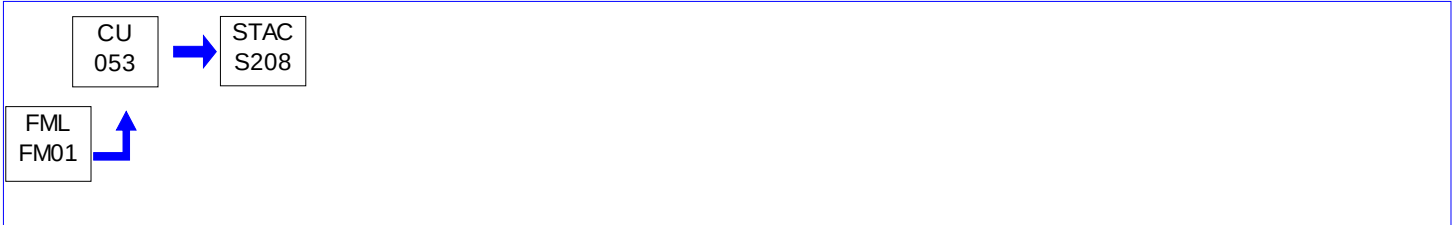
**SECTION D. Source Level Requirements**

Source ID: 053

Source Name: HEATER 6 (NATCO)

Source Capacity/Throughput:

Conditions for this source occur in the following groups: 13
14
18
23
9

**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.**# 001 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.13]****Subpart A--General Provisions****Addresses of State air pollution control agencies and EPA Regional Offices.**

The submission of all requests, reports, applications, submittals and other communications required by 40 CFR Part 63 Subpart DDDDD Sections 63.7480 through 63.7575 shall be submitted to both the U. S. Environmental Protection Agency and the Department. The Environmental Protection Agency copies may be sent to:

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and

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Air Quality Program Manager
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Williamsport, PA 17701-6448

**SECTION D. Source Level Requirements****VI. WORK PRACTICE REQUIREMENTS.**

002 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.7500]

Subpart DDDDD - National Emission Standards for Hazardous Air Pollutants for Major Sources: Industrial, Commercial and Institutional Boilers and Process Heaters.

What emission limits, work practice standards, and operating limits must I meet?

The permittee shall conduct a tune-up of Source ID 053 by January 31, 2026, and annually thereafter as specified in 40 CFR Section 63.7540.

VII. ADDITIONAL REQUIREMENTS.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID 053 is a 11.0 million Btu per hour natural gas-fired Natco salt heater (#6).

004 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.7485]

Subpart DDDDD - National Emission Standards for Hazardous Air Pollutants for Major Sources: Industrial, Commercial and Institutional Boilers and Process Heaters.

Am I subject to this subpart?

Source ID 053 is subject to the requirements of 40 CFR Part 63 Subpart DDDDD Sections 63.7480 through 63.7575. The permittee shall comply with all applicable requirements of 40 CFR Part 63 Subpart DDDDD Sections 63.7480 through 63.7575.

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

**SECTION D. Source Level Requirements**

Source ID: 054

Source Name: SMALL COMBUSTION UNITS

Source Capacity/Throughput:

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

001 [25 Pa. Code §123.22]

Combustion units

The permittee shall not permit the emission of sulfur oxides, expressed as sulfur dioxide (SO₂), into the outdoor atmosphere from each unit incorporated in Source ID 054 in excess of the rate of 4 pounds per million Btu of heat input over any 1-hour period.

Fuel Restriction(s).

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this condition is derived from 25 Pa. Code Section 129.96]

Each unit incorporated in Source ID 054 shall only be fired on pipeline quality natural gas.

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.

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

VI. WORK PRACTICE REQUIREMENTS.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this condition is derived from 25 Pa. Code Section 129.97(c)(3)]

The permittee shall maintain and operate each combustion unit incorporated in Source ID 054 in accordance with the manufacturer's specifications and with good operating practices.

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

Source ID 054 consists of two (2) natural gas-fired combustion units as follows:

- (a) One (1) 0.14 million Btu per hour, Munchkin, model 1BR140MR2 boiler.
- (b) One (1) 0.075 million Btu per hour, Hamilton Home Products space heater.

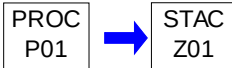
***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

Source ID: P01

Source Name: FUGITIVE VOC SOURCES

Source Capacity/Throughput:

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

[Additional authority for this permit condition is also derived from the permittee taking this elective restriction]

The hazardous air pollutant emissions from all fugitive emission sources at the facility shall not exceed 0.5 ton in any 12 consecutive month period.

002 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from the permittee taking this elective restriction]

{Compliance with this condition will assure compliance with the Reasonably Available Control Technology limitation of 7.90 tons pursuant to 25 Pa. Code Sections 129.91 through 129.100}

The volatile organic compound emissions from all fugitive emission sources at this facility shall not exceed 5.0 tons in any 12 consecutive month period.

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

{Compliance with the requirements in this condition will assure compliance with the requirements of 25 Pa. Code Section 123.1}

(a) The permittee shall perform a monthly Audio, Visual, Olfactory (AVO) inspection of the facility to determine any leaks that may occur during the inspection and rectify the leak as soon as possible.

(b) The permittee shall perform an annual Leak Detection and Repair (LDAR) program which meets the following:

(1) The use of optical gas imaging (OGI) or gas leak detector capable of reading methane concentrations in air of 0 to 5% with an accuracy of $\pm 0.2\%$,

(2) The program is to be conducted on valves, flanges, connectors, storage vessels/storage tanks and compressor seals in natural gas service. Any equipment or component that is designed to protect the equipment or safety of personnel is not considered a leak,

(3) Leaks shall be repaired no later than 30 calendar days after leaks are detected unless facility shutdowns or ordering of replacement parts are necessary for repair of the leaks,

(4) The permittee may request an extension of the deadline for repairs,

**SECTION D. Source Level Requirements**

(5) A leak shall be defined as a concentration of more than 2.5% methane or a volatile organic compound (VOC) concentration greater than 500 parts per million (ppm) using a gas leak detector or a leak is defined when using an OGI camera as a visible leak image, as demonstrated by monitoring,

(6) A leak shall be considered repaired if monitoring demonstrated 2.5% or less, or if established by 40 CFR Part 60, Appendix A, or no visible leak image is detected by the OGI camera.

(7) Annually thereafter perform the LDAR related inspections that include either the use of an OGI camera or a gas leak detector capable of reading methane concentrations in air of 0 to 5% with an accuracy of $\pm 0.2\%$.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.95]

(a) The permittee shall maintain records of the supporting calculations used to verify compliance with the volatile organic compound emission limitation from the facility's fugitive emission sources.

(b) All records generated pursuant to this condition shall be retained for a minimum of five (5) years and be made available to the Department upon request.

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

{Compliance with the requirements in this condition will assure compliance with the requirements of 25 Pa. Code Section 123.1}

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

(1) The date and time of the monthly Audio, Visual, Olfactory (AVO) inspections and any repairs that were conducted and any repairs that were conducted pursuant to the AVO inspections.

(2) The date and time of the quarterly Leak Detection and Repair (LDAR) inspections and any repairs that were conducted and any repairs that were conducted pursuant to the LDAR inspections.

(b) The permittee shall keep these records for a minimum of five (5) years and shall be made available to the Department upon request.

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

(a) The permittee shall, at the conclusion of each calendar month, calculate and record the amount of fugitive volatile organic compound and fugitive volatile hazardous air pollutant emissions which occurred at this facility during the 12 consecutive month period which ended on the last day of the respective month.

(b) The permittee shall keep a logbook of the following:

- (1) the date of each inspection,
- (2) initials of the person(s) conducting each inspection,
- (3) the date each leak is detected,
- (4) the specific location of the leak,
- (5) the repair performed to eliminate the leak,
- (6) the date the leak is repaired,
- (7) the action/inspection taken to determine that the leak is repaired, and
- (8) the initials of the person(s) repairing the leak.

(c) All records generated pursuant to this condition shall be retained for at least five (5) years and shall, along with any

**SECTION D. Source Level Requirements**

supporting data and calculations, be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

By no later than March 1 of each year, the permittee shall submit to the Department all of the 12 consecutive month fugitive volatile organic compound emission values calculated for this facility during the prior calendar year (all emission values calculated during 2026 shall be submitted by March 1, 2027, etc.).

008 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall submit annual reports to the Department which include the supporting calculations used to verify compliance with the fugitive volatile organic compound emissions from all sources at the facility

(b) The Annual report shall be submitted to the Department no later than March 1 (for January 1 through December 31 of the previous year).

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.

009 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source P01 consists of any component that has the potential to emit fugitive emissions of methane, volatile organic compounds or hazardous air pollutants, but not limited to valves, connectors, pressure relief device, open-ended lines, flanges, compressors, instruments, meters, covers and closed vent systems. Devices that vent as part of normal operations are not considered fugitive sources unless the emission originates from a place other than a vent.

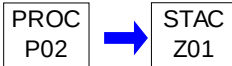
***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

Source ID: P02

Source Name: FACILITY BLOWDOWN EMISSIONS

Source Capacity/Throughput:

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

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The total combined fugitive emissions from Source P02 shall not equal or exceed 2.70 tons of volatile organic compounds in any 12 consecutive month period of which the emission of volatile hazardous air pollutants shall not equal or exceed 1.0 tons in any 12 consecutive month period.

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.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall keep records of the amount of fugitive volatile organic compounds and the amount of fugitive hazardous air pollutants emitted from each planned blowdown during each 12 consecutive month period.

(a) All records generated pursuant to this condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall perform good operational practices for each planned or unplanned blowdown to minimize the amount of fugitive emissions.

VII. ADDITIONAL REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source P02 is the planned blowdowns of the facility

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

**SECTION D. Source Level Requirements**

Source ID: P101

Source Name: ENGINE 1 (CLARK 1100 HP)

Source Capacity/Throughput:

Conditions for this source occur in the following groups: 17
18
3

**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.

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.97(d)]

The permittee shall maintain and operate Source ID P101 in accordance with the manufacturer's specification and good operating practices.

VII. ADDITIONAL REQUIREMENTS.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID P101 is a 1,100 brake horsepower, natural gas-fired Clark model HBA-5 gas transmission engine (#1).

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

**SECTION D. Source Level Requirements**

Source ID: P102

Source Name: ENGINE 2 (CLARK 1100 HP)

Source Capacity/Throughput:

Conditions for this source occur in the following groups: 17
18
3

**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.

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.97(d)]

The permittee shall maintain and operate Source ID P102 in accordance with the manufacturer's specification and good operating practices.

VII. ADDITIONAL REQUIREMENTS.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID P102 is a 1,100 brake horsepower, natural gas-fired Clark model HBA-5, gas transmission engine (#2).

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

**SECTION D. Source Level Requirements**

Source ID: P103

Source Name: ENGINE 3 (CLARK 2000 HP)

Source Capacity/Throughput:

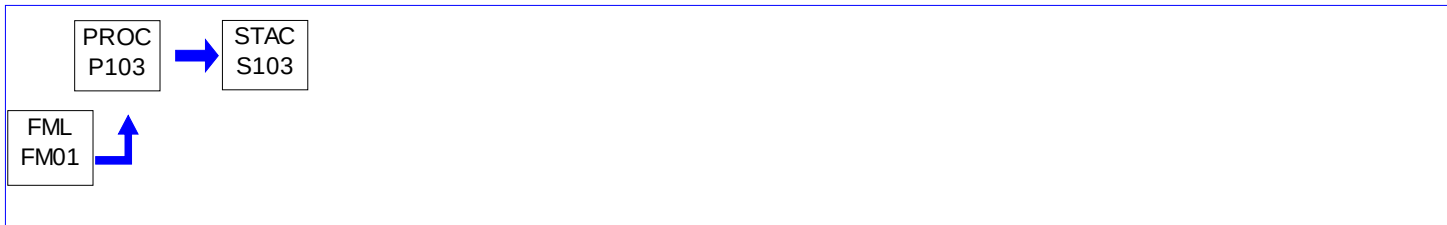
Conditions for this source occur in the following groups: 16

17

18

2

7

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

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.97(d)]

The permittee shall maintain and operate Source ID P103 in accordance with the manufacturer's specification and good operating practices.

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.**

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

- (a) Source ID P103 is a 2,000 brake horsepower, natural gas-fired Clark model TLA-6 gas transmission engine (#3)
- (b) The NOx emissions from Source ID P103 shall be controlled by a Dresser Rand screw-in prechamber (SIP) system.

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

**SECTION D. Source Level Requirements**

Source ID: P104

Source Name: ENGINE 4 (CLARK 2000 HP)

Source Capacity/Throughput:

Conditions for this source occur in the following groups: 16

17

18

2

7

**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.

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.97(d)]

The permittee shall maintain and operate Source ID P104 in accordance with the manufacturer's specification and good operating practices.

VII. ADDITIONAL REQUIREMENTS.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) Source ID P104 is a 2,000 brake horsepower, natural gas-fired Clark model TLA-6, gas transmission engine (#4).

**SECTION D. Source Level Requirements**

(b) The NO_x emissions from Source ID P104 shall be controlled by a Dresser Rand screw-in prechamber (SIP) system.

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

**SECTION D. Source Level Requirements**

Source ID: P105

Source Name: ENGINE 5 (CLARK 2000 HP)

Source Capacity/Throughput:

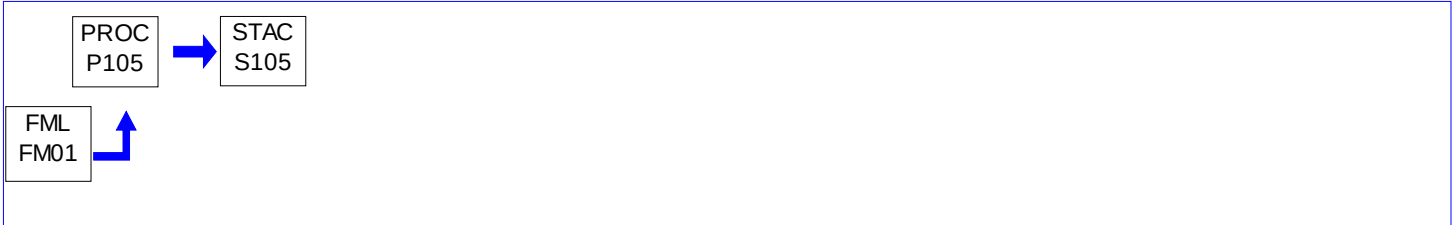
Conditions for this source occur in the following groups: 16

17

18

2

7

**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.

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.97(d)]

The permittee shall maintain and operate Source ID P105 in accordance with the manufacturer's specification and good operating practices.

VII. ADDITIONAL REQUIREMENTS.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) Source ID P105 is a 2,000 brake horsepower, natural gas-fired, Clark model TLA-6 gas transmission engine (#5).

**SECTION D. Source Level Requirements**

(b) The NO_x emissions from Source ID P105 shall be controlled by a Dresser Rand screw-in prechamber (SIP) system.

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

**SECTION D. Source Level Requirements**

Source ID: P106

Source Name: ENGINE 6 (CLARK 3400 HP)

Source Capacity/Throughput:

Conditions for this source occur in the following groups: 1
17
18
7

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

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.97(d)]

The permittee shall maintain and operate Source ID P106 in accordance with the manufacturer's specification and good operating practices.

VII. ADDITIONAL REQUIREMENTS.**# 002 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) Source ID P106 is a 3,400 brake horsepower, natural gas-fired Clark model TCV-10 gas transmission engine (#6).

(b) The NO_x emissions from Source ID P106 shall be controlled by a Dresser Rand screw-in prechamber (SIP) system.

**SECTION D. Source Level Requirements**

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

**SECTION D. Source Level Requirements**

Source ID: P107

Source Name: ENGINE 7 (CLARK 3400 HP)

Source Capacity/Throughput:

Conditions for this source occur in the following groups: 1
17
18
7

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

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.97(d)]

The permittee shall maintain and operate Source ID P107 in accordance with the manufacturer's specification and good operating practices.

VII. ADDITIONAL REQUIREMENTS.**# 002 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) Source ID P107 is a 3,400 brake horsepower, natural gas-fired Clark model TCV-10 gas transmission engine (#7).

(b) The NO_x emissions from Source ID P107 shall be controlled by a Dresser Rand screw-in prechamber (SIP) system.

**SECTION D. Source Level Requirements**

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

**SECTION D. Source Level Requirements**

Source ID: P108

Source Name: ENGINE 8 (CLARK 3400 HP)

Source Capacity/Throughput:

Conditions for this source occur in the following groups: 1
17
18
7

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

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.97(d)]

The permittee shall maintain and operate Source ID P108 in accordance with the manufacturer's specification and good operating practices.

VII. ADDITIONAL REQUIREMENTS.**# 002 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) Source ID P108 is a 3,400 brake horsepower, natural gas-fired Clark model TCV-10 gas transmission engine (#8).

(b) The NO_x emissions from Source ID P108 shall be controlled by a Dresser Rand screw-in prechamber (SIP) system.

**SECTION D. Source Level Requirements**

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

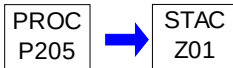
**SECTION D. Source Level Requirements**

Source ID: P205

Source Name: EMERGENCY GAS BLOWDOWN

Source Capacity/Throughput:

Conditions for this source occur in the following groups: 26

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

(a) Pursuant to 25 Pa. Code Section 129.91, the volatile organic compounds from Source ID P205 shall never exceed 3 pounds per hour or 15 pounds per day

(b) Pursuant to 25 Pa. Code Section 129.97(c)(2), the volatile organic compounds from Source ID P205 shall not equal or exceed 2.7 tons per year.

(c) Should any of these limitations ever be exceeded, a detailed RACT analysis which meets the criteria specified in Section 129.92 of Chapter 129 of Article III of the Rules and Regulations of the Department of Environmental Protection must be submitted to the Department.

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.**# 002 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall submit an annual report to the Department which includes the supporting calculations used to verify compliance with the volatile organic compound emission limitation this subject source.

(b) The annual report shall be submitted to the Department by no later than March 1 (for January 1 through December 31 of the previous year).

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

Source ID P205 is the emergency gas blowdown unit at the Ellisburg Station.

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

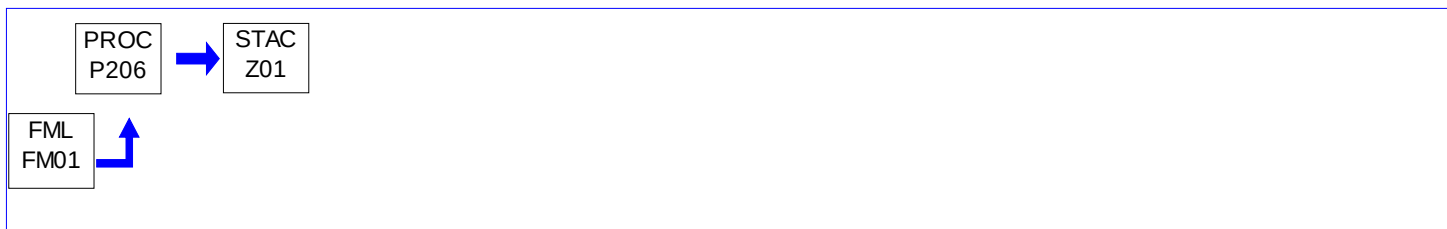
**SECTION D. Source Level Requirements**

Source ID: P206

Source Name: 21 MISC VENTS

Source Capacity/Throughput:

Conditions for this source occur in the following groups: 26

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

(a) Pursuant to 25 Pa. Code Section 129.91, the volatile organic compounds from Source ID P206 shall never exceed 3 pounds per hour or 15 pounds per day

(b) Pursuant to 25 Pa. Code Section 129.97(c)(2), the volatile organic compounds from Source ID P206 shall not equal or exceed 2.7 tons per year.

(c) Should any of these limitations ever be exceeded, a detailed RACT analysis which meets the criteria specified in Section 129.92 of Chapter 129 of Article III of the Rules and Regulations of the Department of Environmental Protection must be submitted to the Department.

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.**# 002 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall submit an annual report to the Department which includes the supporting calculations used to verify compliance with the volatile organic compound emission limitation.

(b) The annual report shall be submitted to the Department by no later than March 1 (for January 1 through December 31 of the previous year).

**SECTION D. Source Level 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) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID P206 consists of 21 fuel gas, crankcase, turbine housing and cooling water tank vents and various other fugitive emission sources.

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

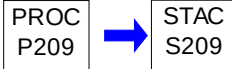
**SECTION D. Source Level Requirements**

Source ID: P209

Source Name: 2 STORAGE TANKS (PRESSURE < 1.5 PSIA)

Source Capacity/Throughput:

Conditions for this source occur in the following groups: 15
22
25

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

(a) The permittee shall keep records of the vapor pressures of the contents of each tank of Source ID P209.

(b) All records generated pursuant to this condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (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.**# 002 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Source ID P209 consists of two (2) storage tanks which contains liquids with a vapor pressure of less than 1.5 psia and have the capacity to store the following:

(a) One (1) 15,000 gallon produced fluids tank (Tank I-3)

(b) One (1) 5,000 produced fluids. (Tank I-1)

**SECTION D. Source Level Requirements**

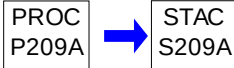
***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

Source ID: P209A

Source Name: 5 STORAGE TANKS (VP < 1.5 PSIA)

Source Capacity/Throughput:

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

(a) The permittee shall keep records of the vapor pressure of the contents of each tank of Source ID P209A.

(b) All records generated pursuant to this condition shall be retained for a minimum of five (5) years and be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.**# 002 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall not store any volatile organic compounds in any tank incorporated in Source ID P209A that has a vapor pressure greater than 1.5 psia (10.5 kilopascals) under actual storage conditions.

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

Source ID P209A consists of the following storage tanks:

(a) Two (2) 10,000 gallon ethylene glycol tanks (Tanks B-1 and B-2)

(b) One (1) 2,000 gallon reclaim lube oil tank (Tank A-2)

(c) One (1) 10,000 gallon lube oil tank (Tank A-1)

(d) One (1) 15,000 gallon produced fluids tank (Tank I-2)

**SECTION D. Source Level Requirements**

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

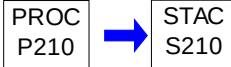
**SECTION D. Source Level Requirements**

Source ID: P210

Source Name: METHANOL STORAGE TANK (PRESSURE > 1.5 PSIA)

Source Capacity/Throughput:

Conditions for this source occur in the following groups: 12
15
25

**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.

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID P210 is a 10,000 gallon methanol storage tank (Tank C-2)

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

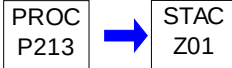
**SECTION D. Source Level Requirements**

Source ID: P213

Source Name: 13 ENG/COMPRESSOR VENTS

Source Capacity/Throughput:

Conditions for this source occur in the following groups: 26

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

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code Sections 129.96]

The volatile organic compound emissions from Source ID P213 shall never exceed 3.5 tons in any 12 consecutive month period.

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.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall submit an annual report to the Department which include the supporting calculations to verify compliance with the volatile organic compound emission limitation for the subject source.

(b) The annual reports shall be submitted to the Department no later than March 1 (for January 1 through December 31 of the previous year).

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.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID P213 consists of 13 engine/compressor transition section vents

**SECTION D. Source Level Requirements**

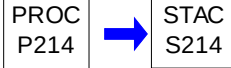
***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

Source ID: P214

Source Name: 2 DISTILLATE TANKS

Source Capacity/Throughput:

**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.

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

VI. WORK PRACTICE REQUIREMENTS.**# 001 [25 Pa. Code §129.57]****Storage tanks less than or equal to 40,000 gallons capacity containing VOCs**

The subject tanks shall have pressure relief valves which are maintained in good operating condition and which are set to release at no less than .7 psig (4.8 kilopascals) of pressure or .3 psig (2.1 kilopascals) of vacuum or the highest possible pressure and vacuum in accordance with state or local fire codes or the National Fire Prevention Association guidelines or other national consensus standards acceptable to the Department.

VII. ADDITIONAL REQUIREMENTS.**# 002 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Source ID 214 consists of two (2) 10,000 distillate storage tanks (Tanks D-1 and D-2)

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

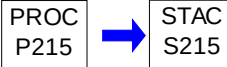
**SECTION D. Source Level Requirements**

Source ID: P215

Source Name: 10,000 GALLON DEHY WATER TANK

Source Capacity/Throughput:

Conditions for this source occur in the following groups: 15
22
25

**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.

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID P215 is a 10,000 gallon storage tank for water from the dehydration system (Tank F-1).

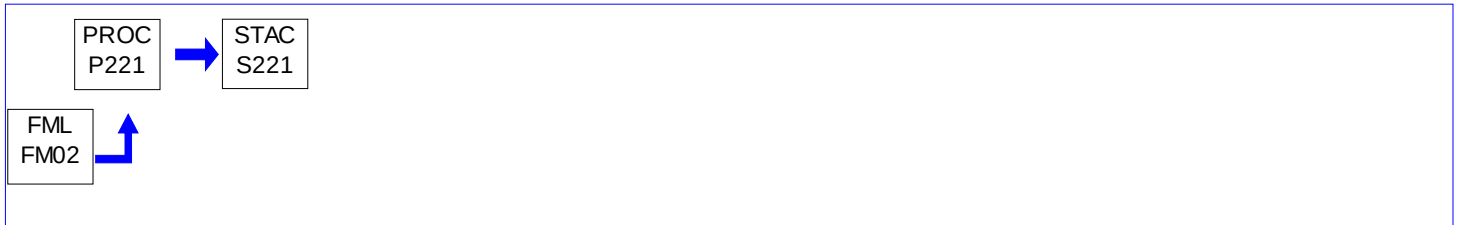
***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

Source ID: P221

Source Name: EMERGENCY GENERATOR

Source Capacity/Throughput:

Conditions for this source occur in the following groups: 4
5**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.13]
Processes**

The concentration of particulate matter in the exhaust of Source ID P221 shall not exceed 0.04 grains per dry standard cubic foot of effluent gas volume.

**# 002 [25 Pa. Code §123.21]
General**

The concentration of sulfur oxides, expressed as sulfur dioxide (SO₂), in the exhaust from Source ID P221 shall not exceed 500 parts per million, by volume, dry basis.

**# 003 [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
What emission standards must I meet for emergency engines if I am an owner or operator of a stationary CI internal co**

Source ID P221 shall not exceed the following emission limitations at any time:

- (a) nitrogen oxide (NO_x, expressed as NO₂) - 6.9 grams per brake horsepower-hour,
- (b) carbon monoxide (CO) - 8.5 grams per brake horsepower-hour,
- (c) particulate matter (PM/PM₁₀) - 0.40 grams per brake horsepower-hour,
- (d) hydrocarbons (HC) - 1.0 grams per brake horsepower-hour

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

The permittee shall only use diesel fuel as fuel for Source ID P221.

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

[Compliance with the hourly limitation in this permit condition will assure compliance with 500 hour presumptive limitation pursuant to 25 Pa. Code Section 129.97(c)(8)]

Source ID P221 shall not be operated more than 300 hours in any 12 consecutive month period.

**SECTION D. Source Level 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) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

006 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4209]
Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines
What are the monitoring requirements if I am an owner or operator of a stationary CI internal combustion engine?
Source ID P221 shall be equipped with a non-resettable hour meter to monitor the hours of operation.

IV. RECORDKEEPING REQUIREMENTS.

007 [25 Pa. Code §127.441]
Operating permit terms and conditions.
(a) The permittee shall keep records of the number of hours that Source ID P221 is operated on a monthly basis.
(b) All records generated pursuant to this condition shall be retained for a minimum of five (5) years and shall be made available tot the Department upon request.

V. REPORTING REQUIREMENTS.

008 [25 Pa. Code §127.441]
Operating permit terms and conditions.
(a) The permittee shall submit an annual report to the Department which includes the number of hours that Source ID P221 is operated on a monthly basis to verify compliance with the operational hour limitation in any 12 consecutive month period.
(b) The annual report shall be submitted to the Department by no later than March 1 (for January 1 through December 31 of the previous year).

VI. WORK PRACTICE REQUIREMENTS.

009 [25 Pa. Code §127.441]
Operating permit terms and conditions.
[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.97(c)(8)]
The permittee shall operate Source P221 in accordance with the manufacturer's specifications and with good operating practices.

VII. ADDITIONAL REQUIREMENTS.

010 [25 Pa. Code §127.441]
Operating permit terms and conditions.
Source ID P221 is a 1,141 brake horsepower, Caterpillar Model #C27 diesel fuel-fired generator.

011 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4200]
Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines
Am I subject to this subpart?
Source ID P221 is subject to the requirements of 40 CFR Part 60 Subpart IIII Sections 60.4200 through 60.4219. The permittee shall comply with all applicable requirements as specified in Subpart IIII.

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

**SECTION E. Source Group Restrictions.**

Group Name: 1

Group Description: ENGINE NOX & VOC LIMITS

Sources included in this group

ID	Name
P106	ENGINE 6 (CLARK 3400 HP)
P107	ENGINE 7 (CLARK 3400 HP)
P108	ENGINE 8 (CLARK 3400 HP)

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

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

{Compliance with the volatile organic compound (VOC) emission limitation in this condition will assure compliance with the VOC presumptive limitation as specified in 25 Pa. Code Section 129.97(g)(3)(i)(B)}

(a) Pursuant to 25 pa. Code Section 129.97(g)(3)(i)(A), the nitrogen oxides (NO_x, expressed as NO₂) emissions from the subject source shall not exceed 3.0 grams per brake horsepower-hour.

(b) Pursuant to 25 Pa. Code Section 129.91, the volatile organic compound (VOC) emissions shall not exceed 6.0 pounds per hour.

(c) The subject source is not required to comply with the emission limits shown above during engine startup and shutdown provided that the duration of startup and shutdown does not exceed one hour per occurrence.

II. TESTING REQUIREMENTS.**# 002 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code Sections 129.91 and 127.511]

(a) This engine shall be stack tested prior to December 31, 2021, and every five years thereafter, for nitrogen oxides (expressed as NO₂), carbon monoxide, nonmethane hydrocarbons and volatile organic compounds to demonstrate compliance with the NO_x and VOC emission limitations using reference method test procedures acceptable to the Department. The test shall consist of at least three individual test runs upon the exhaust of the engine. All testing is to be performed while the engine is operating at full load and full speed and the ignition timing must be monitored during all tests.

(b) The permittee shall follow the Testing Requirements specified in Section C, Site Level Requirements, of this Title V operating permit.

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.

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

**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).

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: 10

Group Description: 123.11,123.22

Sources included in this group

ID	Name
042	HEATER 1 (NATCO)
043	HEATER 2 (NATCO)
044	HEATER 3 (NATCO)
045	HEATER 4 (NATCO)

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

001 [25 Pa. Code §123.11]

Combustion units

No person may permit the emission into the outdoor atmosphere of particulate matter from the subject source in excess of 0.4 pound per million BTU of heat input.

002 [25 Pa. Code §123.22]

Combustion units

No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO₂, from the subject source in excess of the rate of 4 pounds per million Btu of heat input over any 1-hour period.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (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.

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

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: 12

Group Description: 129.57 (pressure relief)

Sources included in this group

ID	Name
P210	METHANOL STORAGE TANK (PRESSURE > 1.5 PSIA)

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.**# 001 [25 Pa. Code §129.57]****Storage tanks less than or equal to 40,000 gallons capacity containing VOCs**

The subject tank shall have pressure relief valves which are maintained in good operating condition and which are set to release at no less than 0.7 psig (4.8 kilopascals) of pressure or 0.3 psig (2.1 kilopascals) of vacuum or the highest possible pressure and vacuum in accordance with state or local fire codes or the National Fire Prevention Association guidelines or other national consensus standards acceptable to the Department

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: 13

Group Description: Presumptive

Sources included in this group

ID	Name
049	SPACE HEATER
050	WATER HEATER (RUDD)
051	SPACE HEATERS (TRANE)
052	HEATER 5 (NATCO)
053	HEATER 6 (NATCO)

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.

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

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

[Additional authority for this permit condition is also derived from 25 Pa. Code Section 129.97(c)(3)]

This source shall be maintained and operated in accordance with manufacturers' specifications and good air pollution control practices.

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: 14

Group Description: 2.7

Sources included in this group

ID	Name
042	HEATER 1 (NATCO)
043	HEATER 2 (NATCO)
044	HEATER 3 (NATCO)
045	HEATER 4 (NATCO)
049	SPACE HEATER
050	WATER HEATER (RUDD)
051	SPACE HEATERS (TRANE)
052	HEATER 5 (NATCO)
053	HEATER 6 (NATCO)

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

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) Pursuant to 25 pa. Code Section 129.91, the volatile organic compounds from the following source category shall never exceed 3 pounds per hour or 15 pounds per day. Should any of these limitations ever be exceeded for the category, a detailed RACT analysis which meets the criteria specified in 25 Pa. Code Section 129.92 must be submitted to the Department.

(b) Pursuant to 25 Pa. Code Section 129.97(c)(2), the volatile organic compounds from the following source category shall be less than 2.7 tons per year.

(c) The category includes: the four (4) 24.5 million BTU/hour Natco heaters (Source IDs 042, 043, 044, 045), the two (2) 11 million BTU/hour Natco saltbath heaters (Source IDs 052, 053), the three (3) Trane heaters (Source ID 051), the one (1) water heaters (Source ID 050) and the space heater (Source ID 049).

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.

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

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 E. Source Group Restrictions.**

Group Name: 15

Group Description: 2.7

Sources included in this group

ID	Name
P209	2 STORAGE TANKS (PRESSURE < 1.5 PSIA)
P210	METHANOL STORAGE TANK (PRESSURE > 1.5 PSIA)
P215	10,000 GALLON DEHY WATER TANK

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

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) Pursuant to 25 Pa. Code Section 129.91, the volatile organic compounds from Source ID P205 shall never exceed 3 pounds per hour or 15 pounds per day

(b) Pursuant to 25 Pa. Code Section 129.97(c)(2), the volatile organic compounds from Source ID P205 shall not equal or exceed 2.7 tons per year.

(c) Should any of these limitations ever be exceeded, a detailed RACT analysis which meets the criteria specified in Section 129.92 of Chapter 129 of Article III of the Rules and Regulations of the Department of Environmental Protection must be submitted to the Department.

(d) The source category includes the storage tanks (Source IDs. P209, P210, and P215). It does not include the two (2) 10,000 gallon drip gasoline storage tanks (Source ID P214).

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.

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

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: 16

Group Description:

Sources included in this group

ID	Name
P103	ENGINE 3 (CLARK 2000 HP)
P104	ENGINE 4 (CLARK 2000 HP)
P105	ENGINE 5 (CLARK 2000 HP)

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.

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

(a) This engine shall be stack tested prior to December 31, 2031, and every five years thereafter, for nitrogen oxides (expressed as NO₂), carbon monoxide, nonmethane hydrocarbons and volatile organic compounds to demonstrate compliance with the NO_x and VOC emission limitations using reference method test procedures acceptable to the Department. The test shall consist of at least three individual test runs upon the exhaust of the engine. All testing is to be performed while the engine is operating at full load and full speed and the ignition timing must be monitored during all tests.

(b) The permittee shall follow the Testing Requirements specified in Section C, Site Level Requirements, of this Title V operating permit.

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.

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

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: 17

Group Description: 1 & 2

Sources included in this group

ID	Name
P101	ENGINE 1 (CLARK 1100 HP)
P102	ENGINE 2 (CLARK 1100 HP)
P103	ENGINE 3 (CLARK 2000 HP)
P104	ENGINE 4 (CLARK 2000 HP)
P105	ENGINE 5 (CLARK 2000 HP)
P106	ENGINE 6 (CLARK 3400 HP)
P107	ENGINE 7 (CLARK 3400 HP)
P108	ENGINE 8 (CLARK 3400 HP)

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

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.95]

(a) The permittee shall maintain records of the following operating parameters for the subject source:

(1) The number of hours operated per month.

(2) The amount of fuel consumed per month.

(3) The gas quality characteristics in a current, valid purchase contract, tariff sheet, transportation contract for the fuel or other data compiled by the gas pipeline company, specifying the maximum total sulfur content of the fuel and verifying that the fuel is pipeline quality natural gas.

OR

(4) Representative fuel sampling data showing the sulfur content of the fuel and verifying that the fuel is pipeline quality natural gas and shall include the following:

- (i) The date, place, and time of sampling;
- (ii) The date(s) analyses were performed;
- (iii) The company or entity that performed the analyses;
- (iv) The analytical techniques or methods used;
- (v) The results of such analyses; and,
- (vi) The operating conditions at the time of sampling or measurement.

(5) The supporting calculations used to verify compliance with the emission limitations for nitrogen oxides, volatile organic compounds, sulfur oxides, and particulate matter for the subject source.

**SECTION E. Source Group Restrictions.**

(6) Stack test reports

(7) Portable analyzer test reports

(b) All records generated pursuant to this condition shall be retained for a minimum of five (5) years and be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (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: 18

Group Description: fired on natl gas

Sources included in this group

ID	Name
042	HEATER 1 (NATCO)
043	HEATER 2 (NATCO)
044	HEATER 3 (NATCO)
045	HEATER 4 (NATCO)
049	SPACE HEATER
050	WATER HEATER (RUDD)
051	SPACE HEATERS (TRANE)
052	HEATER 5 (NATCO)
053	HEATER 6 (NATCO)
P101	ENGINE 1 (CLARK 1100 HP)
P102	ENGINE 2 (CLARK 1100 HP)
P103	ENGINE 3 (CLARK 2000 HP)
P104	ENGINE 4 (CLARK 2000 HP)
P105	ENGINE 5 (CLARK 2000 HP)
P106	ENGINE 6 (CLARK 3400 HP)
P107	ENGINE 7 (CLARK 3400 HP)
P108	ENGINE 8 (CLARK 3400 HP)

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

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa Code Section 129.91]

The subject source shall only be fired on pipeline quality natural gas.

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.

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

**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).

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: 2

Group Description: ENGINE NOX & VOC LIMITS

Sources included in this group

ID	Name
P103	ENGINE 3 (CLARK 2000 HP)
P104	ENGINE 4 (CLARK 2000 HP)
P105	ENGINE 5 (CLARK 2000 HP)

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

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Compliance with the volatile organic compound (VOC) emission limitation in this condition will assure compliance with the VOC presumptive limitation as specified in 25 Pa. Code Section 129.97(g)(3)(i)(B)]

(a) Pursuant to 25 Pa. Code Section 129.97(g)(3)(i)(A), the nitrogen oxides (NO_x, expressed as NO₂) emissions from the subject source shall not exceed 3.0 grams per brake horsepower-hour.

(b) Pursuant to 25 Pa. Code Section 129.91, the volatile organic compound (VOC) emissions shall not exceed 3.52 pounds per hour.

(c) The subject source is not required to comply with the emission limits shown above during engine startup and shutdown provided that the duration of startup and shutdown does not exceed one hour per occurrence.

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.

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

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: 20

Group Description: Comb<1MMBtu - 123.22

Sources included in this group

ID	Name
049	SPACE HEATER
050	WATER HEATER (RUDD)
051	SPACE HEATERS (TRANE)

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

001 [25 Pa. Code §123.22]

Combustion units

No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO₂, from this source in excess of the rate of 4 pounds per million Btu of heat input over any 1-hour period.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (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.

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

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: 22

Group Description: less than 1.5 psia

Sources included in this group

ID	Name
P209	2 STORAGE TANKS (PRESSURE < 1.5 PSIA)
P215	10,000 GALLON DEHY WATER TANK

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.

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

VI. WORK PRACTICE REQUIREMENTS.

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall not store any volatile organic compounds in any tank that has a vapor pressure greater than 1.5 psia (10.5 kilopascals) under actual storage conditions.

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: 23

Group Description: verify VOC

Sources included in this group

ID	Name
042	HEATER 1 (NATCO)
043	HEATER 2 (NATCO)
044	HEATER 3 (NATCO)
045	HEATER 4 (NATCO)
052	HEATER 5 (NATCO)
053	HEATER 6 (NATCO)

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

(a) The permittee shall maintain records of the supporting calculations used to verify compliance with the volatile organic compound emission limitation.

(b) All records generated pursuant to this condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.**# 002 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall submit an annual report to the Department of the supporting calculations used to verify compliance with the volatile organic compound emission limitation.

(b) The annual report shall be submitted to the Department by March 1 (for January 1 through December 31 of the previous year).

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: 24

Group Description: VOC emission calc records

Sources included in this group

ID	Name
049	SPACE HEATER
050	WATER HEATER (RUDD)
051	SPACE HEATERS (TRANE)

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

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.95]

(a) The permittee shall maintain records of the supporting calculations used to verify compliance with the volatile organic compound emission limitation.

(b) All records generated pursuant to this condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.**# 002 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall submit an annual report to the Department including the supporting calculations used to verify compliance with the volatile organic compound emission limitation.

(b) The annual report shall be submitted to the Department by no later than March 1 (for January 1 through December 31 of the previous year).

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: 25

Group Description: provide VOC calc

Sources included in this group

ID	Name
P209	2 STORAGE TANKS (PRESSURE < 1.5 PSIA)
P210	METHANOL STORAGE TANK (PRESSURE > 1.5 PSIA)
P215	10,000 GALLON DEHY WATER TANK

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

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.100]

(a) The permittee shall maintain records of the supporting calculations used to verify compliance with the volatile organic compound emission limitation.

(b) All records generated pursuant to this condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.**# 002 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall submit an annual report to the Department which includes the supporting calculations used to verify compliance with the volatile organic compound emission limitation.

(b) The annual report shall be submitted to the Department by no later than March 1 (for January 1 through December 31 of the previous year).

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: 26

Group Description: VOC records

Sources included in this group

ID	Name
P205	EMERGENCY GAS BLOWDOWN
P206	21 MISC VENTS
P213	13 ENG/COMPRESSOR VENTS

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.

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.100]

(a) The permittee shall maintain records of the supporting calculations used to verify compliance with the volatile organic compound emission limitation.

(b) All records generated pursuant to this condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (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: 3

Group Description: 4 degree retard, NOX & VOC RESTRICT

Sources included in this group

ID	Name
P101	ENGINE 1 (CLARK 1100 HP)
P102	ENGINE 2 (CLARK 1100 HP)

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

No person shall permit the emission of particulate matter from the subject source into the outdoor atmosphere in a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grain per dry standard cubic foot.

002 [25 Pa. Code §123.21]**General**

No person may permit the emission from the subject source into the outdoor atmosphere in a manner that the concentration of the sulfur oxides (SOX), expressed as SO₂, in the effluent gas exceeds 500 parts per million, by volume, dry basis.

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

[Compliance with the volatile organic compound (VOC) emission limitation in this condition will assure compliance with the VOC presumptive limitation as specified in 25 Pa. Code Section 129.97(g)(3)(i)(B)]

(a) Pursuant to 25 Pa. Code Section 129.97(g)(3)(i)(A), the nitrogen oxides (NO_x, expressed as NO₂) emissions from the subject source shall not exceed 3.0 grams per brake horsepower-hour

(b) Pursuant to 25 Pa. Code Section 129.93, the volatile organic compound emissions from the subject source shall not exceed 1.33 pounds per hour.

II. TESTING REQUIREMENTS.**# 004 [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]

The permittee shall perform semi-annual NO_x emissions tests to verify compliance with nitrogen oxides emissions limitations for the subject source using a portable exhaust gas analyzer which has been approved by the Department. This testing shall be performed during the periods of March 1 through May 31 and September 1 through November 30 of each calendar year.

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

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

(a) This engine shall be stack tested prior to December 31, 2031, and every five years thereafter, for nitrogen oxides (expressed as NO₂), carbon monoxide, nonmethane hydrocarbons and volatile organic compounds to demonstrate compliance with the NO_x and VOC emission limitations using reference method test procedures acceptable to the Department. The test shall consist of at least three individual test runs upon the exhaust of the engine. All testing is to be performed while the engine is operating at full load and full speed and the ignition timing must be monitored during all tests.

(b) The permittee shall follow the Testing Requirements specified in Section C, Site Level Requirements, of this Title V operating permit.

**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).

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).

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

(a) The permittee shall submit to the Department on a semi-annual basis records of the following operating parameters for the engine:

(1) The number of hours operated per month.

(2) The amount of fuel consumed per month.

(3) The supporting calculations used to verify compliance with the emission limitations for volatile organic compounds, sulfur oxides, nitrogen oxides and particulate matter for the subject source.

(b) The semi-annual reports shall be submitted to the Department by no later than March 1 (for July 1 through December 31 of the previous year) and September 1 (for January 1 through June 30 of the current year).

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

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

The results of all portable gas analyzer tests performed on the subject source shall be submitted to the Department within 30 days of test performance.

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: 4

Group Description: 4 DEGREE RETARD, NOX & VOC LIMITS,123.13,123.21

Sources included in this group

ID	Name
P221	EMERGENCY GENERATOR

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

No person shall permit the emission of particulate matter from the subject source into the outdoor atmosphere in a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grain per dry standard cubic foot.

002 [25 Pa. Code §123.21]**General**

No person may permit the emission from the subject source into the outdoor atmosphere in a manner that the concentration of the sulfur oxides (SOX), expressed as SO₂, in the effluent gas exceeds 500 parts per million, by volume, dry basis.

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

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

The nitrogen oxides (NO_x, expressed as NO₂) and volatile organic compound emissions from the engine/generator shall not exceed 17.25 pounds per hour and 0.33 pounds per hour, respectively.

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

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

(a) If, at any time, it is determined that the subject source has operated 500 or more hours in any 12 consecutive month period, the subject source shall be stack tested for nitrogen oxides (NO_x, expressed as NO₂), carbon monoxide, volatile organic compounds and non-methane hydrocarbons within 120 days of said determination.

(b) All such testing shall be performed using reference method test procedures while the respective engine/generator is operating at rated capacity. Additionally, the ignition timing of the engine/generator shall be monitored during all tests.

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

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

(a) The permittee shall maintain records in accordance with the recordkeeping requirements of 25 Pa. Code Section 129.95 that, at a minimum, shall include the number of hours per month that the subject source is operated.

(b) All records generated pursuant to this condition shall be retained for a minimum of five (5) years and be made available to the Department upon request.

**SECTION E. Source Group Restrictions.****# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall maintain records of the following operating parameters for the subject source:

(1) The number of hours operated per month.

(2) The amount of fuel consumed per month.

(3) The sulfur content (percent by weight) of the fuel.

(4) The supporting calculations used to verify compliance with the emission limitation for nitrogen oxides, volatile organic compounds, sulfur oxides, and particulate matter for Source ID P201.

(b) All records generated pursuant to this condition shall be retained for a minimum of five (5) years and be made available to the Department upon request.

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

(a) The permittee shall submit a semi-annual report to the Department of the following operating parameters on the subject source:

(1) The number of hours operated per month.

(2) The amount of fuel consumed per month.

(3) The supporting calculations used to verify compliance with the emission limitation for nitrogen oxides, volatile organic compounds, sulfur oxides, and particulate matter for Source ID P201.

(a) The semi-annual reports shall be submitted to the Department no later than March 1 (for July 1 through December 31 of the previous year) and September 1 (for January 1 through June 30 of the current year).

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

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

The subject source shall be operated with the ignition retarded 4° relative to standard timing.

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: 5

Group Description: 500 HR RESTRICTION

Sources included in this group

ID	Name
P221	EMERGENCY GENERATOR

I. RESTRICTIONS.**Operation Hours Restriction(s).**

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code Sections 129.91 and 129.93]

The subject source will not be operated 500 or more hours in any 12 consecutive month period.

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.

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

VI. WORK PRACTICE REQUIREMENTS.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

The subject source shall be maintained and operated in accordance with manufacturers' specifications as well as in accordance with good air pollution control practices.

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: 6

Group Description: 129.93(B)(2)(3)(4)(5)

Sources included in this group

ID	Name
042	HEATER 1 (NATCO)
043	HEATER 2 (NATCO)
044	HEATER 3 (NATCO)
045	HEATER 4 (NATCO)

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

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

(a) The permittee shall maintain records in accordance with the recordkeeping requirements of 25 Pa. Code Section 129.95 which, at a minimum, shall include a record of each adjustment conducted under the procedures required in condition #010 in a permanently bound log book or other method approved by the Department. This log shall contain, at a minimum, the following information:

- (i) Hours of operation per month
- (ii) The date of the tuning procedure.
- (iii) The name of the service company and technicians.
- (iv) The final operating rate or load
- (v) The final CO and NO_x emission rates.
- (vi) The final excess oxygen rate.

(b) All records generated pursuant to this condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.**# 002 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

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

**SECTION E. Source Group Restrictions.**

The permittee shall comply with the annual tune-up, maintenance, and operating vendor guidelines on the subject source in accordance with the presumptive RACT provisions of 25 Pa. Code Sections 129.93(b)(2),(3),(4)& (5). The annual tune-up will also include at a minimum, the following adjustments:

- (i) Inspection, adjustment, cleaning or replacement of fuel-burning equipment, including the burners and moving parts necessary for proper operation as specified by the manufacturer.
- (ii) Inspection of the flame pattern or characteristics and adjustments necessary to minimize total emissions of NO_x, and to the extent practicable minimize emissions of CO.
- (iii) Inspection of the air-to-fuel ratio control system and adjustments necessary to ensure proper calibration and operation as specified by the manufacturer.

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: 7

Group Description: Must test yearly, 123.13&123.21

Sources included in this group

ID	Name
P103	ENGINE 3 (CLARK 2000 HP)
P104	ENGINE 4 (CLARK 2000 HP)
P105	ENGINE 5 (CLARK 2000 HP)
P106	ENGINE 6 (CLARK 3400 HP)
P107	ENGINE 7 (CLARK 3400 HP)
P108	ENGINE 8 (CLARK 3400 HP)

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

001 [25 Pa. Code §123.13]

Processes

No person may permit the emission from the subject source into the outdoor atmosphere of particulate matter in excess of 0.04 grains per dry standard cubic foot.

002 [25 Pa. Code §123.21]

General

No person may permit the emission from the subject source into the outdoor atmosphere in a manner that the concentration of the sulfur oxides, expressed as SO₂, in the effluent gas exceeds 500 parts per million, by volume, dry basis.

II. TESTING REQUIREMENTS.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

The permittee shall perform semi-annual NO_x emission tests to verify compliance with the nitrogen oxides emission limitations for the subject source using a portable exhaust gas analyzer which has been approved by the Department. This testing shall be performed during the periods of March 1 through May 31 and September 1 through November 30.

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.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall maintain records of the following for the subject source:

(1) Stack test reports

(2) Portable analyzer test reports

(b) All records generated pursuant to this condition shall be retained for a minimum of five (5) years and be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

005 [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]

**SECTION E. Source Group Restrictions.**

The results of all portable gas analyzer tests performed on the subject source shall be submitted to the Department within 30 days of test performance.

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

(a) The permittee shall submit semi-annual reports to the Department of the following operating parameters for the engine:

(1) The number of hours operated per month.

(2) The amount of fuel consumed per month.

(3) The supporting calculations used to verify compliance with the emission limitations for volatile organic compounds, sulfur oxides, nitrogen oxides and particulate matter for the subject source.

(b) The semi-annual reports shall be submitted to the Department no later than March 1 (for July 1 through December 31 of the previous year) and September 1 (for January 1 through June 30 for the current year).

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: 9

Group Description:

Sources included in this group

ID	Name
052	HEATER 5 (NATCO)
053	HEATER 6 (NATCO)

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

The permittee may not permit the emission into the outdoor atmosphere of particulate matter from this source in excess of 0.4 pound per million Btu of heat input.

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

The permittee shall not permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO₂, from this source in excess of the rate of 4 pounds per million Btu of heat input over any 1-hour period.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (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.

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

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 F. Alternative Operation Requirements.**

No Alternative Operations exist for this Title V facility.

**SECTION G. Emission Restriction Summary.**

No emission restrictions listed in this section of the permit.

**SECTION H. Miscellaneous.**

The following air contaminant source is considered to be of minor significance to the Department and has been determined to be exempt from permit requirements. However, this determination does not exempt the sources from compliance with all applicable air quality regulations specified in 25 Pa. Code Chapters 121-145:

- (1) One (1) 500 gallon waste oil tank (tank E-2),
- (2) One (1) 50 gallon waste oil tank (Tank E-3),
- (3) One (1) 500 gallon wastewater tank (Tank G-1)
- (4) One (1) 1,250 gallon deisel fuel tank (Tank M-1)
- (5) One (1) CRC Smart Washer SW-437. The solvent utilized in this parts washer shall not have a volatile organic compound content of equal to or greater than 5%, by weight.



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