



**COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
AIR QUALITY PROGRAM**

**TITLE V/STATE OPERATING PERMIT**

Issue Date: August 31, 2023

Effective Date: August 31, 2023

Expiration Date: August 30, 2028

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: 59-00005**

Federal Tax Id - Plant Code: 55-0629203-6

**Owner Information**

Name: EASTERN GAS TRANS & STORAGE INC  
Mailing Address: 6603 WEST BROAD ST  
RICHMOND, VA 23230

**Plant Information**

Plant: EASTERN GAS TRANS & STORAGE INC/SABINSVILLE STA  
Location: 59 Tioga County 59908 Clymer Township  
SIC Code: 4922 Trans. & Utilities - Natural Gas Transmission

**Responsible Official**

Name: JOHN M. LAMB  
Title: VP EASTERN PIPELINE OPR  
Phone: (804) 273 - 4237 Email: Matt.Lamb@bhegts.com

**Permit Contact Person**

Name: GLENN S. BOUTILLIER  
Title: ENVRNMNTL SPCST III  
Phone: (804) 356 - 1364 Email: Glenn.Boutillier@bhegts.com

[Signature] \_\_\_\_\_

*MUHAMMAD Q. ZAMAN, ENVIRONMENTAL PROGRAM MANAGER, NORTHCENTRAL REGION*



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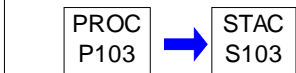
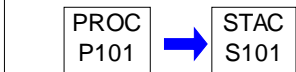
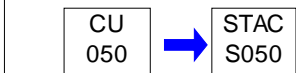
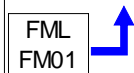
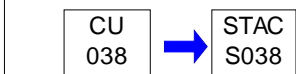
### Section H. Miscellaneous

**SECTION A. Site Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
038	COMBUSTION UNITS <2.5 MBTU/HR		
044	DIRECT FIRED HEATER		
045	AJAX BOILER	3.000 MMBTU/HR	
050	25.7 MMBTU/HR HURST SERIES 400 BOILER		
P101	1300 BHP, CLARK HBA-5T, ENGINE 1		
P102	1300 BHP, CLARK HBA-5T, ENGINE 2		
P103	1300 BHP, CLARK HBA-5T, ENGINE 3		
P104	1300 BHP, CLARK HBA-5T, ENGINE 4		
P105	1300 BHP, CLARK HBA-5T, ENGINE 5		
P106	2000 BHP CLARK TLA-6, ENGINE 6		
P107	2000 BHP CLARK TLA-6, ENGINE 7		
P108	EMERGENCY GENERATOR ENGINE		
P109	2370 HP CATERPILLAR COMPRESSOR ENGINE		
P110	5810 HP SOLAR CENTAUR COMPRESSOR TURBINE		
P111	EIGHT 65 KW CAPSTONE MICROTURBINES		
P205	3 STORAGE TANKS		
P207	GAS BLOWDOWNS		
P208	ENGINE/COMPRESSOR TRANSITION VENTS		
P210	STORAGE TANKS		
P211	STORAGE TANK		
P212	STORAGE TANKS		
C109	EAS OXIDATION CATALYST		
C110	OXIDATION CATALYST		
C110A	SO-LO-NOX		
FM01	NATURAL GAS PIPELINE		
FM02	DIESEL FUEL		
S038	STACKS		
S044	DIRECT FIRED HEATER STACK		
S045	AJAX BOILER STACK		
S050	STACK FOR HURST BOILER		
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	EMERGENCY GENERATOR STACK		
S109	STACK		
S110	STACK		

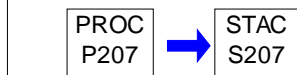
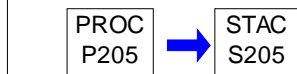
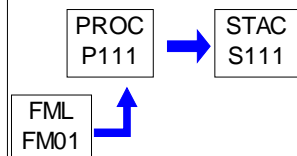
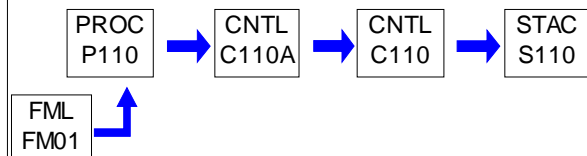
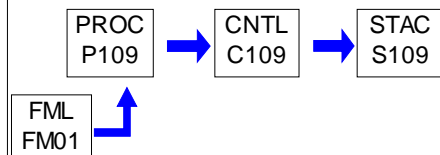
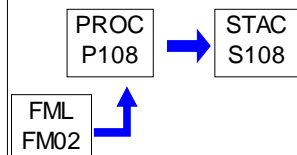
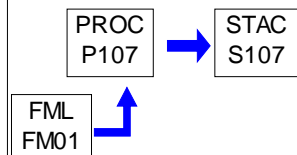
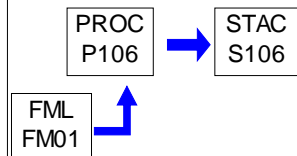
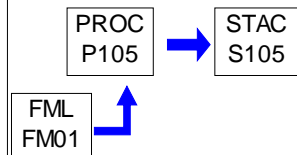
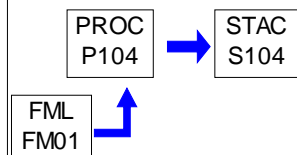
**SECTION A. Site Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
S111	STACKS		
S205	3 STORAGE TANKS STACKS		
S207	GAS BLOWDOWN STACKS		
S208	TRANSITION VENTS		
Z01	FACILITY FUGITIVES		

**PERMIT MAPS**



## PERMIT MAPS



**PERMIT MAPS**

PROC  
P208 → STAC  
S208

PROC  
P210 → STAC  
Z01

PROC  
P211 → STAC  
Z01

PROC  
P212 → STAC  
Z01

**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 act.

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

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

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

This operating permit is issued for a fixed term of five (5) years and shall expire on the date specified on Page 1 of this permit. The terms and conditions of the expired permit shall automatically continue pending issuance of a new Title V permit, provided the permittee has submitted a timely and complete application and paid applicable fees required under 25 Pa. Code Chapter 127, Subchapter I and the Department is unable, through no fault of the permittee, to issue or deny a new permit before the expiration of the previous permit. An application is complete if it contains sufficient information to begin processing the application, has the applicable sections completed and has been signed by a responsible official.

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

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

(b) The application for permit renewal shall include the current permit number, the appropriate permit renewal fee, a description of any permit revisions and off-permit changes that occurred during the permit term, and any applicable requirements that were promulgated and not incorporated into the permit during the permit term. The fees shall be made payable to "The Commonwealth of Pennsylvania Clean Air Fund" and submitted with the fee form to the respective regional office.

(c) The renewal application shall also include submission of proof that the local municipality and county, in which the facility is located, have been notified in accordance with 25 Pa. Code § 127.413. The application for renewal of the Title V permit shall also include submission of compliance review forms which have been used by the permittee to update information submitted in accordance with either 25 Pa. Code § 127.412(b) or § 127.412(j).

(d) The permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information during the permit renewal process. The permittee shall also promptly provide additional information as necessary to address any requirements that become applicable to the source after the date a complete renewal application was submitted but prior to release of a draft permit.

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

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

- (1) The Department determines that no other change in the permit is necessary;
- (2) A written agreement has been submitted to the Department identifying the specific date of the transfer of permit responsibility, coverage and liability between the current and the new permittee; and,
- (3) A compliance review form has been submitted to the Department and the permit transfer has been approved by



**SECTION B. General Title V Requirements**

the Department.

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

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

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

- (1) Enter at reasonable times upon the permittee's premises where a Title V source is located or emissions related activity is conducted, or where records are kept under the conditions of this permit;
- (2) Have access to and copy or remove, at reasonable times, records that are kept under the conditions of this permit;
- (3) Inspect at reasonable times, facilities, equipment including monitoring and air pollution control equipment, practices, or operations regulated or required under this permit;
- (4) Sample or monitor, at reasonable times, substances or parameters, for the purpose of assuring compliance with the permit or applicable requirements as authorized by the Clean Air Act, the Air Pollution Control Act, or the regulations promulgated under the Acts.

(b) Pursuant to 35 P.S. § 4008, no person shall hinder, obstruct, prevent or interfere with the Department or its personnel in the performance of any duty authorized under the Air Pollution Control Act.

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

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

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

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

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

(c) For purposes of Sub-condition (b) of this permit condition, the specifications in applications for plan approvals and operating permits are the physical configurations and engineering design details which the Department determines are essential for the permittee's compliance with the applicable requirements in this Title V permit.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

R3\_Air\_Apps\_and\_Notices@epa.gov

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

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

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

R3\_Air\_Apps\_and\_Notices@epa.gov

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

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

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

R3\_Air\_Apps\_and\_Notices@epa.gov

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

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

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

R3\_Air\_Apps\_and\_Notices@epa.gov

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

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

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

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

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

(a) The permittee shall pay fees to the Department in accordance with the applicable fee schedules in 25 Pa. Code Chapter 127, Subchapter I (relating to plan approval and operating permit fees). The applicable fees shall be made payable to "The Commonwealth of Pennsylvania Clean Air Fund" with the permit number clearly indicated and submitted to the respective regional office.

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

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

**SECTION B. General Title V Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

(2) One ton of NO<sub>x</sub> from a single source during the term of the permit and 5 tons of NO<sub>x</sub> at the facility during the term of the permit.

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

(4) Six-tenths of a ton of PM<sub>10</sub> from a single source during the term of the permit and 3.0 tons of PM<sub>10</sub> at the facility during the term of the permit. This shall include emissions of a pollutant regulated under Section 112 of the Clean Air Act unless precluded by the Clean Air Act or 25 Pa. Code Article III.

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

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

(1) Air conditioning or ventilation systems not designed to remove pollutants generated or released from other sources.

(2) Combustion units rated at 2,500,000 or less Btu per hour of heat input.

**SECTION B. General Title V Requirements**

(3) Combustion units with a rated capacity of less than 10,000,000 Btu per hour heat input fueled by natural gas supplied by a public utility, liquefied petroleum gas or by commercial fuel oils which are No. 2 or lighter, viscosity less than or equal to 5.82 c St, and which meet the sulfur content requirements of 25 Pa. Code § 123.22 (relating to combustion units). For purposes of this permit, commercial fuel oil shall be virgin oil which has no reprocessed, recycled or waste material added.

(4) Space heaters which heat by direct heat transfer.

(5) Laboratory equipment used exclusively for chemical or physical analysis.

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

(d) This permit does not authorize de minimis emission increases if the emissions increase would cause one or more of the following:

(1) Increase the emissions of a pollutant regulated under Section 112 of the Clean Air Act except as authorized in Subparagraphs (b)(4) and (5) of this permit condition.

(2) Subject the facility to the prevention of significant deterioration requirements in 25 Pa. Code Chapter 127, Subchapter D and/or the new source review requirements in Subchapter E.

(3) Violate any applicable requirement of the Air Pollution Control Act, the Clean Air Act, or the regulations promulgated under either of the acts.

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

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

(f) Emissions authorized under this permit condition shall be included in the monitoring, recordkeeping and reporting requirements of this permit.

(g) Except for de minimis emission increases allowed under this permit, 25 Pa. Code § 127.449, or sources and physical changes meeting the requirements of 25 Pa. Code § 127.14, the permittee is prohibited from making physical changes or engaging in activities that are not specifically authorized under this permit without first applying for a plan approval. In accordance with § 127.14(b), a plan approval is not required for the construction, modification, reactivation, or installation of the sources creating the de minimis emissions increase.

(h) The permittee may not meet de minimis emission threshold levels by offsetting emission increases or decreases at the same source.

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

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

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

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

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

**SECTION B. General Title V Requirements**

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

(b) No person may permit the use of a device, stack height which exceeds good engineering practice stack height, dispersion technique or other technique which, without resulting in reduction of the total amount of air contaminants emitted, conceals or dilutes an emission of air contaminants which would otherwise be in violation of this permit, the Air Pollution Control Act or the regulations promulgated thereunder, except that with prior approval of the Department, the device or technique may be used for control of malodors.

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

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

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

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

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

The Title V compliance certification shall be emailed to EPA at [R3\\_APD\\_Permits@epa.gov](mailto:R3_APD_Permits@epa.gov).

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

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

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

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

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

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

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

**SECTION B. General Title V Requirements**

(5) The results of the analyses.

(6) The operating conditions as existing at the time of sampling or measurement.

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

(c) The permittee shall maintain and make available to the Department upon request, records including computerized records that may be necessary to comply with the reporting, recordkeeping and emission statement requirements in 25 Pa. Code Chapter 135 (relating to reporting of sources). In accordance with 25 Pa. Code Chapter 135, § 135.5, such records may include records of production, fuel usage, maintenance of production or pollution control equipment or other information determined by the Department to be necessary for identification and quantification of potential and actual air contaminant emissions. If direct recordkeeping is not possible or practical, sufficient records shall be kept to provide the needed information by indirect means.

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

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

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

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

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

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

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

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

(b) The compliance certification shall be postmarked or hand-delivered no later than thirty days after each anniversary of the date of issuance of this Title V Operating Permit, or on the submittal date specified elsewhere in the permit, to the Department in accordance with the submission requirements specified in Section B, Condition #022 of this permit. The Title V compliance certification shall be emailed to EPA at R3\_APD\_Permits@epa.gov.



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

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

- (1) Section 127.14 (relating to exemptions)
- (2) Section 127.447 (relating to alternative operating scenarios)
- (3) Section 127.448 (relating to emissions trading at facilities with federally enforceable emissions caps)
- (4) Section 127.449 (relating to de minimis emission increases)
- (5) Section 127.450 (relating to administrative operating permit amendments)
- (6) Section 127.462 (relating to minor operating permit amendments)
- (7) Subchapter H (relating to general plan approvals and operating permits)

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

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

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

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

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

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

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

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

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



**SECTION B. General Title V Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION C. Site Level Requirements****I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

The permittee shall not permit the emission into the outdoor atmosphere of fugitive air contaminants from a source other than the following:

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

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

The permittee shall not permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in Condition #001(1)-(8) above, if the emissions are visible at the point the emissions pass outside the person's property.

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

The permittee shall not permit the emission of visible air contaminants into the outdoor atmosphere in such a manner that the opacity of the emission is either of the following:

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

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

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

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

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

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

**SECTION C. Site Level Requirements**

The total combined fugitive volatile organic compound emissions from all sources at this facility shall not exceed 3 tons in any 12 consecutive month period.

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

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

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

(c) Within sixty (60) days of the completion of the stack tests required by this permit, an electronically submitted copy of the report in .pdf format shall be submitted to the Department. This report shall contain the results of the tests, a description of the testing and analytical procedures actually used in performance of the tests, all process and operating data collected during the tests, a copy of all raw data, and a copy of all calculations generated during data analysis.

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

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

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

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

(g) Pursuant to 25 Pa. Code § § 139.53(a)(1) and 139.53(a)(3), one electronic copy of all submittals, besides notifications, shall be sent to the Northcentral Regional Office Air Quality Program Manager. In addition, one electronic copy shall be sent to the PSIMS Administrator in Central Office using the emails above when the file is 35 MB or less, or a flash drive when the file is over 35 MB.

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

**# 007 [25 Pa. Code §139.1]****Sampling facilities.**

Upon the request of the Department, the permittee shall provide adequate sampling ports, safe sampling platforms and adequate utilities for the performance by the Department of tests on a source. The Department will set forth, in the request,

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the time period in which the facilities shall be provided as well as the specifications for such facilities.

**# 008 [25 Pa. Code §139.11]****General requirements.**

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

(b) As specified in 25 Pa. Code Section 139.11(2), the Department will consider 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, CO<sub>2</sub>, O<sub>2</sub> and N<sub>2</sub>), static and barometric pressures.
- (5) Sample collection techniques employed, including procedures used, equipment descriptions and data to verify that isokinetic sampling for particulate matter collection occurred and that acceptable test conditions were met.
- (6) Laboratory procedures and results.
- (7) Calculated results.

**III. MONITORING REQUIREMENTS.****# 009 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

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.

**# 010 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

The permittee shall perform monthly audio, visual, and olfactory (AVO) inspections to ensure the fugitive air contaminant emissions are minimized.

**# 011 [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.

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

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

- (a) The permittee shall conduct a weekly inspection around the plant periphery during daylight hours when the plant is in

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production to detect visible emissions, visible fugitive emissions and malodorous air emissions. Weekly inspections are necessary to determine:

- (1) the presence of visible emissions,
- (2) the presence of visible fugitive emissions beyond the plant property boundaries,
- (3) the presence of malodors beyond the plant property boundaries.

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

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

(a) The permittee shall keep a comprehensive and accurate logbook, or uneditable electronic record, of the weekly 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.

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

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

(a) The permittee shall keep comprehensive and accurate records on a monthly basis of the calculations performed to verify compliance with the fugitive volatile organic compound (VOC) emission limitations in any 12 consecutive month period for all sources at this facility.

(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.

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

(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 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.

(b) The logbook, or uneditable electronic record, shall be kept for 5 years and made available to the Department upon request.

**# 016 [25 Pa. Code §135.5]****Recordkeeping**

Source owners or operators shall maintain and make available upon request by the Department records including computerized records that may be necessary to comply with 135.3 (relating to reporting). These may include records of production, fuel usage, maintenance of production or pollution control equipment or other information determined by the Department to be necessary for identification and quantification of potential and actual air contaminant emissions.

**SECTION C. Site Level Requirements****V. REPORTING REQUIREMENTS.****# 017 [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.

**# 018 [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 1 of the previous year through June 30 of the current year).

(b) The permittee shall submit the semiannual reports of required monitoring to the Department, as specified in Condition #026 of Section B, General Title V Requirements, no later than September 1 (for January 1 through June 30) and March 1 (for July 1 through December 31 of the previous year).

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

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

The permittee shall submit to the Department on a semi-annual basis records of the supporting calculations that verify compliance with the fugitive volatile organic compound (VOC) emission limitations in any 12 consecutive month period for all sources at this facility. The records shall be submitted to the Department no later than September 1 (for January 1 through June 30 of the present year) and March 1 (for July 1 through December 31 of the previous year).

**# 020 [25 Pa. Code §127.442]****Reporting requirements.**

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

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

(c) The report shall describe the following:

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

(d) Any malfunction, emergency or incident of excess emissions that is not subject to the notice requirements of paragraph (b) of this condition shall be reported to the Department by telephone (570-327-3638) within 24 hours (or by 4:00 PM of the next business day, whichever is later) of discovery and in writing or by e-mail within five (5) business days of discovery. The report shall contain the same information required by paragraph (c), and any permit specific malfunction reporting requirements.

(e) During an emergency an owner or operator may continue to operate the source at their discretion provided they submit

**SECTION C. Site Level Requirements**

justification for continued operation of a source during the emergency and follow all the notification and reporting requirements in accordance with paragraphs (b)-(d), as applicable, including any permit specific malfunction reporting requirements.

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

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

**# 021 [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.

**# 022 [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.****# 023 [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

**SECTION C. Site Level Requirements**

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.

**# 024 [25 Pa. Code §129.112]****Presumptive RACT requirements, RACT emission limitations and petition for alternative compliance schedule**

[Additional authority for this condition is from 25 Pa. Code Section 129.112(c)(3)]

For each "natural gas compression and transmission facility fugitive VOC air contamination source", the permittee shall install, maintain and operate the source in accordance with the manufacturer's specifications and with good operating practices.

**VII. ADDITIONAL REQUIREMENTS.****# 025 [25 Pa. Code §121.7]****Prohibition of air pollution.**

The permittee shall not permit air pollution as that term is defined in the Pennsylvania Air Pollution Control Act (35 P.S. Sections 4001-4015).

**# 026 [25 Pa. Code §123.31]****Limitations**

The permittee shall not 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.

**# 027 [25 Pa. Code §129.14]****Open burning operations**

The permittee shall not permit the open burning of material at the 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 \*\*\***

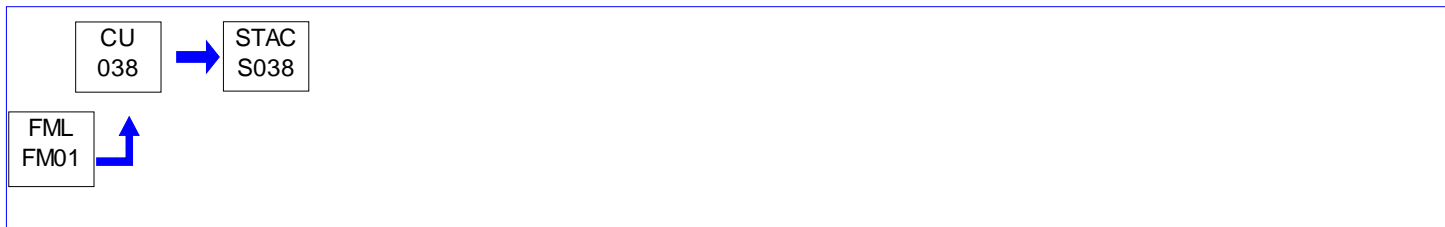


**SECTION D. Source Level Requirements**

Source ID: 038

Source Name: COMBUSTION UNITS &lt;2.5 MBTU/HR

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 (SO<sub>2</sub>), into the outdoor atmosphere from each combustion unit incorporated in Source ID 038 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.**

Each combustion unit incorporated in Source ID 038 shall be fired on natural gas only.

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

(a) Source ID 038 consists of the following natural-gas fired combustion units:

- (1) One Burnham model 210 NC1-TE12 water heater rated 0.299 MMBtu/hr
- (2) One 0.080 MMBtu/hr office furnace
- (3) Nine 0.25 MMBtu/hr space heaters
- (4) One 0.30 MMBtu/hr space heater
- (5) One 0.30 MMBtu/hr small boiler
- (6) One 0.040 MMBtu/hr water heater
- (7) Two 0.075 MMBtu/hr infrared radiant heaters

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

**SECTION D. Source Level Requirements**

Source ID: 044

Source Name: DIRECT FIRED HEATER

Source Capacity/Throughput:

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

[Additional authority for this condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

{Compliance with this condition assures compliance with the requirements of 25 Pa. Code section 123.11}

Source ID 044 shall not emit particulate matter in excess of the rate of 0.005 pounds per million Btu of heat input.

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

[Additional authority for this condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

(a) The concentration of nitrogen oxides from Source ID 044 shall not exceed 30 parts per million, dry volume (ppmdv) at 3% oxygen.

(b) The concentration of carbon monoxide from Source ID 044 shall not exceed 250 parts per million, dry volume (ppmdv) at 3% oxygen.

(c) The concentration of volatile organic compounds from Source ID 044 shall not exceed 67 parts per million, dry volume (ppmdv) at 3% oxygen.

(d) Based on the stack test results of carbon monoxide emissions from Source ID 044, the Department may revise the above emission limitations through the minor modification of the Title V operating permit.

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

[Additional authority for this condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

{Compliance with this condition assures compliance with the requirements of 25 Pa. Code section 123.22}

The permittee shall not permit the emission of sulfur oxides, expressed as sulfur dioxide (SO<sub>2</sub>), into the outdoor atmosphere from Source ID 044 in excess of the rate of 0.005 pounds per million Btu of heat input over any 1-hour period.

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

[Additional authority for this condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

Source ID 044 shall be fired only on pipeline quality natural gas.

**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).

**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.**

(a) The permittee shall keep records of the carbon monoxide, nitrogen oxide and volatile organic compound emissions from Source ID 044 to verify compliance with the respective emission limitation.

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

**# 006 [25 Pa. Code §129.100]****Compliance demonstration and recordkeeping requirements.**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.100(d)(1), (2), and (i)]

The permittee shall keep records to demonstrate compliance with §§ 129.96—129.97 in the following manner:

(1) The records must include sufficient data and calculations to demonstrate that the requirements of §§ 129.96—129.97 are met.

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

The records shall be retained by the owner or operator for 5 years and made available to the Department upon receipt of a written request from the Department.

**# 007 [25 Pa. Code §129.115]****Written notification, compliance demonstration and recordkeeping and reporting requirements**

[Additional authority for this condition is from 25 Pa. Code Section 129.115(f) and (k)]

(f) The permittee shall keep records to demonstrate compliance with §§ 129.111—129.114 and submit reports to the Department in accordance with the applicable regulations in 25 Pa. Code, Part I, Subpart C, Article III (relating to air resources)

(1) The records shall include sufficient data and calculations to demonstrate that the requirements of §§ 129.111—129.114 are met.

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

(3) The records necessary to determine compliance shall be reported to the Department on a schedule specified in the applicable regulation or as otherwise specified in the operating permit or plan approval for the air contamination source.

(k) The records shall be retained by the owner or operator for 5 years and made available to the Department upon receipt of a written request from the Department.

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

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

**VI. WORK PRACTICE REQUIREMENTS.**

**# 008 [25 Pa. Code §129.112]**

**Presumptive RACT requirements, RACT emission limitations and petition for alternative compliance schedule**

[Additional authority for this condition is from 25 Pa. Code Section 129.112(c)(1)]

For Source 044, the permittee shall install, maintain and operate the source in accordance with the manufacturer's specifications and with good operating practices.

**# 009 [25 Pa. Code §129.97]**

**Presumptive RACT requirements, RACT emission limitations and petition for alternative compliance schedule.**

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

The permittee shall install, maintain, and operate this source 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.**

[Additional authority for this condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

Source ID 044 is a 12.07 million Btu per hour, ETI model THE-1207 natural gas-fired, salt bath heater. The air contaminant emissions from Source ID 044 shall be controlled with low NOx burners and flue gas recirculation system.

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

**SECTION D. Source Level Requirements**

Source ID: 045

Source Name: AJAX BOILER

Source Capacity/Throughput: 3.000 MMBTU/HR

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

# 001 [25 Pa. Code §123.11]

**Combustion units**

Source ID 045 shall not emit particulate matter in excess of the rate of 0.40 pounds per million Btu of heat input.

# 002 [25 Pa. Code §123.22]

**Combustion units**The permittee shall not permit the emission of sulfur oxides, expressed as sulfur dioxide (SO<sub>2</sub>), into the outdoor atmosphere from Source ID 045 in excess of the rate 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.**

[Additional authority for this condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

Source ID 045 shall be fired only on pipeline quality natural gas.

**Operation Hours Restriction(s).**

# 004 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

[Additional authority for this condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

Source ID 045 shall not be operated more than 4,400 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.**

# 005 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

(a) The permittee shall maintain records of the number of hours that Source ID 045 is operated on a monthly basis.

(b) All records generated pursuant to this permit condition shall be retained for a minimum of five (5) years and shall be

**SECTION D. Source Level Requirements**

made available to the Department upon request.

**# 006 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.7555]**

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

**What records must I keep?**

The permittee shall comply with all applicable recordkeeping requirements specified in 40 CFR § 63.7555 and 40 CFR § 63.7560 pertaining to Source ID 045.

**V. REPORTING REQUIREMENTS.****# 007 [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 annual or semi-annual reports required by Subpart DDDDD of the National Emission Standards for Hazardous Air Pollutants for Source Categories, 40 CFR 63.7480 through 63.7575, or required by any other applicable section specified in the National Emission Standards for Hazardous Air Pollutants, must be made to both the Department of Environmental Protection and electronically to the Environmental Protection Agency. The electronic reports must be submitted using the subpart specific reporting form in the Compliance and Emissions Data Reporting Interface (CEDRI) that is accessed through EPA's Central Data Exchange (CDX) ([www.epa.gov/cdx](http://www.epa.gov/cdx)). However, if the reporting form specific to this subpart is not available in CEDRI at the time that the report is due, the written report must be submitted to the EPA e-mail address and Administrator postal address listed below.

The submission of all other requests, applications submittals and other communications required by Subpart DDDDD of the National Emission Standards for Hazardous Air Pollutants for Source Categories, 40 CFR 63.7480 through 63.7575, or required by any other applicable section specified in the National Emission Standards for Hazardous Air Pollutants, must be made to both the Department of Environmental Protection and the Environmental Protection Agency. The copies may be sent to:

R3\_Air\_Apps\_and\_Notices@epa.gov

and

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

**# 008 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.7545]**

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

**What notifications must I submit and when?**

The permittee shall submit the required notifications specified in 40 CFR § 63.7545 pertaining to Source ID 045.

**# 009 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.7550]**

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

**What reports must I submit and when?**

The permittee shall submit all required reports specified in 40 CFR § 63.7550 pertaining to Source ID 045.

**SECTION D. Source Level Requirements****VI. WORK PRACTICE REQUIREMENTS.****# 010 [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?**

At all times, the permittee shall operate and maintain Source ID 045, and any associated air pollution control and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions.

**# 011 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.7510]****Subpart DDDDD - National Emission Standards for Hazardous Air Pollutants for Major Sources: Industrial, Commercial and Institutional Boilers and Process Heaters.****What are my initial compliance requirements and by what date must I conduct them?**

a) No later than 180 days after the compliance date of January 31, 2016, the permittee shall demonstrate compliance for Source ID 045 by completing an initial tune-up by following the procedures described in § 63.7540 and a one-time energy assessment as specified in Table 3 to 40 CFR Part 63 Subpart DDDDD.

b) Subsequent tune-ups shall be performed every five years, no more than 61 months after the previous tune-up.

**# 012 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.7530]****Subpart DDDDD - National Emission Standards for Hazardous Air Pollutants for Major Sources: Industrial, Commercial and Institutional Boilers and Process Heaters.****How do I demonstrate initial compliance with the emission limitations, fuel specifications and work practice standards?**

By the compliance date of January 31, 2016, the permittee shall demonstrate compliance with the emission limitations, fuel specifications, and work practice standards established for Source ID 045 in 40 CFR Part 63 Subpart DDDDD as specified in § 63.7530.

After the compliance date, the permittee shall demonstrate continuous compliance via the methods specified in 40 CFR § 63.7540.

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

Source ID 045 is a 3.0 million Btu per hour, Ajax model WRFG-3000, natural gas-fired boiler.

**# 014 [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 40 CFR Part 63 Subpart DDDDD - National Emissions Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers and Process Heaters. Source ID 045 shall comply with all applicable requirements of Subpart DDDDD.

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

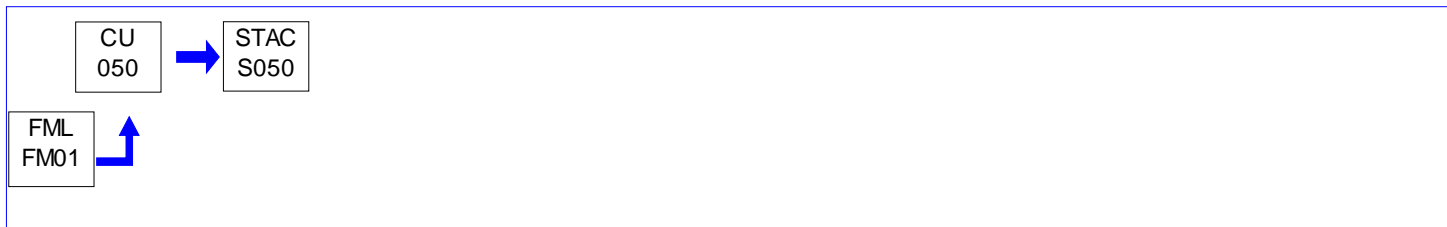


**SECTION D. Source Level Requirements**

Source ID: 050

Source Name: 25.7 MMBTU/HR HURST SERIES 400 BOILER

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 050 in excess of the rate of 0.4 pounds per million Btu of heat input.

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

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

No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO<sub>2</sub>, from Source ID 050 in excess of the rate of 4 pounds per million Btu of heat input.

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

[Additional authority for this permit condition is derived from authorization GP1-59-00005A, dated September 21, 2021]

(a) The permittee shall not permit the emission of the following air contaminants into the outdoor atmosphere in excess of the following limitations:

- (1) 30 ppmdv nitrogen oxides (NO<sub>x</sub>) at 3% O<sub>2</sub> when firing gas and
- (3) 300 ppmdv carbon monoxide (CO) at 3% O<sub>2</sub>.

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

[Additional authority for this permit condition is derived from authorization GP1-59-00005A, dated September 21, 2021]

(a) This source shall not emit more than:

- (1) 3.26 tons of nitrogen oxides (NO<sub>x</sub>, expressed as NO<sub>2</sub>) in any 12 consecutive month period,
- (2) 4.16 tons of carbon monoxide in any 12 consecutive month period, and
- (3) 2.81 tons of volatile organic compounds in any 12 consecutive month period.

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

[Additional authority for this permit condition is derived from authorization GP1-59-00005A, dated September 21, 2021]

**SECTION D. Source Level Requirements**

Source 050 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.****# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code Section 127.511 and 40 CFR Section 60.48c(g) and (i)]

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

- (1) The amount of natural gas burned on a daily basis in Source ID 050
- (2) Supporting calculations used to verify compliance with the particulate matter, sulfur oxides, nitrogen oxides, carbon monoxide, and volatile organic compounds emissions limitations.
- (3) Stack test reports that verify compliance with NO<sub>x</sub> and CO emission limitations.

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

**# 007 [25 Pa. Code §129.115]****Written notification, compliance demonstration and recordkeeping and reporting requirements**

[Additional authority for this condition is from 25 Pa. Code Section 129.112(b)(2) and 129.115(f), (i), and (k)]

(f) The permittee shall keep records to demonstrate compliance with §§ 129.111—129.114 and submit reports to the Department in accordance with the applicable regulations in 25 Pa. Code, Part I, Subpart C, Article III (relating to air resources)

- (1) The records shall include sufficient data and calculations to demonstrate that the requirements of §§ 129.111—129.114 are met.
- (2) Data or information required to determine compliance shall be recorded and maintained in a time frame consistent with the averaging period of the requirement.
- (3) The records necessary to determine compliance shall be reported to the Department on a schedule specified in the applicable regulation or as otherwise specified in the operating permit or plan approval for the air contamination source.

(i) The permittee shall record each adjustment conducted under the procedures in § 129.112(b). This record must contain, at a minimum:

**SECTION D. Source Level Requirements**

- (1) The date of the tuning procedure.
- (2) The name of the service company and the technician performing the procedure.
- (3) The final operating rate or load.
- (4) The final NOx and CO emission rates.
- (5) The final excess oxygen rate.
- (6) Other information required by the applicable operating permit.
- (k) The records shall be retained by the owner or operator for 5 years and made available to the Department upon receipt of a written request from the Department.

**# 008 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.7555]****Subpart DDDDD - National Emission Standards for Hazardous Air Pollutants for Major Sources: Industrial, Commercial and Institutional Boilers and Process Heaters.****What records must I keep?**

You must keep records according to paragraphs (a)(1) and (2) of this section.

- (1) A copy of each notification and report that you submitted to comply with this subpart, including all documentation supporting any Initial Notification or Notification of Compliance Status or semiannual compliance report that you submitted, according to the requirements in Section 63.10(b)(2)(xiv).
- (2) Records of performance tests, fuel analyses, or other compliance demonstrations and performance evaluations as required in Section 63.10(b)(2)(viii).

**# 009 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.7560]****Subpart DDDDD - National Emission Standards for Hazardous Air Pollutants for Major Sources: Industrial, Commercial and Institutional Boilers and Process Heaters.****In what form and how long must I keep my records?**

- (a) Your records must be in a form suitable and readily available for expeditious review, according to Section 63.10(b)(1).
- (b) As specified in Section 63.10(b)(1), you must keep each record for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record.
- (c) You must keep each record on site, or they must be accessible from on site (for example, through a computer network), for at least 2 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, according to Section 63.10(b)(1). You can keep the records off site for the remaining 3 years.

**V. REPORTING REQUIREMENTS.****# 010 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4]****Subpart A - General Provisions****Address.**

The submission of annual or semi-annual reports required by Subpart Dc of the Standards of Performance for New Stationary Sources, 40 CFR 60.40c through 60.48c, or required by any other applicable section specified in the Standards of Performance for New Stationary Sources, must be made to both the Department of Environmental Protection and electronically to the Environmental Protection Agency. The electronic reports must be submitted using the subpart specific reporting form in the Compliance and Emissions Data Reporting Interface (CEDRI) that is accessed through EPA's Central Data Exchange (CDX) (<https://cdx.epa.gov/>). However, if the reporting form specific to this subpart is not available in CEDRI at the time that the report is due, the written report must be submitted to the EPA e-mail address and Administrator postal

**SECTION D. Source Level Requirements**

address listed below.

The submission of all other requests, applications submittals and other communications required by Subpart Dc of the Standards of Performance for New Stationary Sources, 40 CFR 60.40c through 60.48c, or required by any other applicable section specified in the Standards of Performance for New Stationary Sources, must be made to both the Department of Environmental Protection and the Environmental Protection Agency. The copies may be sent to:

R3\_Air\_Apps\_and\_Notices@epa.gov

and

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

**# 011 [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 annual or semi-annual reports required by Subpart DDDDD of the National Emission Standards for Hazardous Air Pollutants for Source Categories, 40 CFR 63.7480 through 63.7575, or required by any other applicable section specified in the National Emission Standards for Hazardous Air Pollutants, must be made to both the Department of Environmental Protection and electronically to the Environmental Protection Agency. The electronic reports must be submitted using the subpart specific reporting form in the Compliance and Emissions Data Reporting Interface (CEDRI) that is accessed through EPA's Central Data Exchange (CDX) (<https://cdx.epa.gov>). However, if the reporting form specific to this subpart is not available in CEDRI at the time that the report is due, the written report must be submitted to the EPA email address and Administrator postal address listed below.

The submission of all other requests, applications submittals and other communications required by Subpart DDDDD of the National Emission Standards for Hazardous Air Pollutants for Source Categories, 40 CFR Sections 63.7480 through 63.7575, or required by any other applicable section specified in the National Emission Standards for Hazardous Air Pollutants, must be made to both the Department of Environmental Protection and the Environmental Protection Agency. The copies may be sent to:

R3\_Air\_Apps\_and\_Notices@epa.gov

and

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

**# 012 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.7545]**

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

**What notifications must I submit and when?**

The permittee shall submit the required notifications specified in 40 CFR Section 63.7545.

**# 013 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.7550]**

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

**What reports must I submit and when?**

(a) You must submit each report in Table 9 to this subpart that applies to you.

(b) Unless the EPA Administrator has approved a different schedule for submission of reports under Section 63.10(a), you

**SECTION D. Source Level Requirements**

must submit each report, according to paragraph (h) of this section, by the date in Table 9 to this subpart.

(c) A compliance report must contain the following information depending on how the facility chooses to comply with the limits set in this rule.

(1) If the facility is subject to the requirements of a tune up you must submit a compliance report with the information in paragraphs (c)(5)(i) through (iii) of this section and (xiv) and (xvii) of this section.

(5)

(i) Company and Facility name and address.

(ii) Process unit information, emissions limitations, and operating parameter limitations.

(iii) Date of report and beginning and ending dates of the reporting period.

(xiv) Include the date of the most recent tune-up for each unit subject to only the requirement to conduct an annual tune-up according to Section 63.7540(a)(10). Include the date of the most recent burner inspection if it was not done annually and was delayed until the next scheduled or unscheduled unit shutdown.

(xvii) Statement by a responsible official with that official's name, title, and signature, certifying the truth, accuracy, and completeness of the content of the report.

(h) You must submit the reports according to the procedures specified in paragraphs (h)(1) through (3) of this section.

(3) You must submit all reports required by Table 9 of this subpart electronically to the EPA via the CEDRI. (CEDRI can be accessed through the EPA's CDX.) You must use the appropriate electronic report in CEDRI for this subpart. Instead of using the electronic report in CEDRI for this subpart, you may submit an alternate electronic file consistent with the XML schema listed on the CEDRI Web site (<http://www.epa.gov/ttn/chief/cedri/index.html>), once the XML schema is available. If the reporting form specific to this subpart is not available in CEDRI at the time that the report is due, you must submit the report to the Administrator at the appropriate address listed in Section 63.13. You must begin submitting reports via CEDRI no later than 90 days after the form becomes available in CEDRI.

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

[Additional authority for this permit condition is derived from authorization GP1-59-00005A, dated September 21, 2021]

(a) The combustion unit and any associated air cleaning devices shall be:

(1) Operated in such a manner as not to cause air pollution.

(2) Operated and maintained in a manner consistent with good operating and maintenance practices.

(3) Operated and maintained in accordance with the manufacturer's specifications.

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

[Additional authority for this permit condition is derived from authorization GP1-59-00005A, dated September 21, 2021]

Source 050 shall comply with subparagraphs (a) through (e) listed below and the emission limitations of the New Source Performance Standards prescribed in 40 CFR Part 60, Subpart Dc.

(a) The permittee shall install and maintain the necessary meter(s) to determine and to record amount of fuel usage.

**SECTION D. Source Level Requirements**

(b) The permittee shall comply with the recordkeeping and certification requirements in accordance with 40 CFR Sections 60.46c(e), 60.42c(h) and 60.48c(f)(1). Reports shall be submitted on a semi-annual basis unless no excess emissions occurred. If there are no excess emissions, the permittee shall semi-annually report that no excess emissions occurred during the semi-annual reporting period (this does not apply to gas-fired units).

(c) The permittee shall maintain daily fuel consumption records in accordance with 40 CFR Section 60.48c(g).

(d) Semi-annual reports shall be submitted by the permittee in accordance with 40 CFR Sections 60.48c(d), 60.48c(e)(11) and 60.48c(j). The initial semi-annual report shall be postmarked by the 30th day of the sixth month following the completion of the initial performance test. Each subsequent report shall be postmarked by the 30th day following the end of the reporting period (this does not apply to gas-fired units).

(e) Pursuant to 40 CFR Section 60.4, the permittee shall submit copies of all requests, reports, applications, submittals, and other communications to both EPA and the Northcentral Regional Office of the Department.

**# 016 [25 Pa. Code §129.112]****Presumptive RACT requirements, RACT emission limitations and petition for alternative compliance schedule**

[Additional authority for this condition is from 25 Pa. Code Section 129.112(b)(1)(i)]

(i) The permittee shall conduct a biennial tune-up in accordance with the procedures in 40 CFR 63.11223 (relating to how do I demonstrate continuous compliance with the work practice and management practice standards?).

(A) Each biennial tune-up shall occur not less than 3 months and not more than 24 months after the date of the previous tune-up.

(B) The biennial tune-up must include, at a minimum, the following:

(I) Inspection and cleaning or replacement of fuel burning equipment, including the burners and components, as necessary, for proper operation as specified by the manufacturer.

(II) Inspection of the flame pattern and adjustment of the burner, as necessary, to optimize the flame pattern to minimize total emissions of NO<sub>x</sub> and, to the extent possible, emissions of CO.

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

**# 017 [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?**

(a)(3) At all times, the permittee must operate and maintain the affected source (as defined in Section 63.7490), including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. Determination of whether such operation and maintenance procedures are being used will be based on information available that may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source.

**# 018 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.7505]****Subpart DDDDD - National Emission Standards for Hazardous Air Pollutants for Major Sources: Industrial, Commercial and Institutional Boilers and Process Heaters.****What are my general requirements for complying with this subpart?**

(a) You must be in compliance with the emission limits, work practice standards, and operating limits in this subpart. These emission and operating limits apply to you at all times the affected unit is operating except for the periods noted in Section 63.7500(f).

**SECTION D. Source Level Requirements**

(f) These standards apply at all times the affected unit is operating, except during periods of startup and shutdown during which time you must comply only with items 5 and 6 of Table 3 to this subpart.

**# 019 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.7510]**

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

**What are my initial compliance requirements and by what date must I conduct them?**

(g) The permittee must demonstrate initial compliance with the applicable work practice standards in Table 3 to this subpart within the applicable annual schedule as specified in § 63.7515(d) following the initial compliance date specified in Section 63.7495(a). Thereafter, you are required to complete the applicable annual, biennial, or 5-year tune-up as specified in Section 63.7515(d).

From Table 3 in Subpart DDDDD:

Conduct a tune-up of the boiler annually as specified in Section 63.7540. The permittee will conduct this tune-up as a work practice for all regulated emissions under this subpart.

**# 020 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.7515]**

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

**When must I conduct subsequent performance tests or fuel analyses, or tune-ups?**

(d) The permittee must conduct an annual performance tune-up according to Section 63.7540(a)(10). Each annual tune-up specified in Section 63.7540(a)(10) must be no more than 13 months after the previous tune-up.

**# 021 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.7540]**

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

**How do I demonstrate continuous compliance with the emission limitations, fuel specifications and work practice standards?**

(a) You must demonstrate continuous compliance with the work practice standards in Table 3 to this subpart.

(a)(10) The permittee must conduct an annual tune-up of the boiler to demonstrate continuous compliance as specified in paragraphs (a)(10)(i) through (vi) of this section. You must conduct the tune-up while burning the type of fuel (or fuels in case of units that routinely burn a mixture) that provided the majority of the heat input to the boiler over the 12 months prior to the tune-up.

(i) As applicable, inspect the burner, and clean or replace any components of the burner as necessary (you may perform the burner inspection any time prior to the tune-up or delay the burner inspection until the next scheduled unit shutdown). Units that produce electricity for sale may delay the burner inspection until the first outage, not to exceed 36 months from the previous inspection. At units where entry into a piece of process equipment or into a storage vessel is required to complete the tune-up inspections, inspections are required only during planned entries into the storage vessel or process equipment;

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

(iii) Inspect the system controlling the air-to-fuel ratio, as applicable, and ensure that it is correctly calibrated and functioning properly (you may delay the inspection until the next scheduled unit shutdown). Units that produce electricity for sale may delay the inspection until the first outage, not to exceed 36 months from the previous inspection;

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

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

**SECTION D. Source Level Requirements**

(vi) Maintain on-site and submit, if requested, a report containing the information in paragraphs (a)(10)(vi)(A) through (C) of this section,

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

(B) A description of any corrective actions taken as a part of the tune-up; and

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

(a)(13) If the unit is not operating on the required date for a tune-up, the tune-up must be conducted within 30 calendar days of startup.

**VII. ADDITIONAL REQUIREMENTS.**

**# 022 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

Source ID 050 is a 25.7 MMBtu/hr Hurst Series 400 Steam Boiler combustion unit equipped with a low-nitrogen oxide (NOx) burner and flue gas recirculation.

**# 023 [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 050 is subject to Subpart Dc of the Standards of Performance for New Stationary Sources, 40 CFR 60.40c through 60.48c (Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units). Source ID 050 shall comply with all applicable requirements of Subpart Dc, Sections 60.40c through 60.48c.

**# 024 [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 050 is subject to 40 CFR Part 63 Subpart DDDDD - National Emissions Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers and Process Heaters. Source ID 050 shall comply with all applicable requirements of Subpart DDDDD, Sections 63.7480 through 63.7575.

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



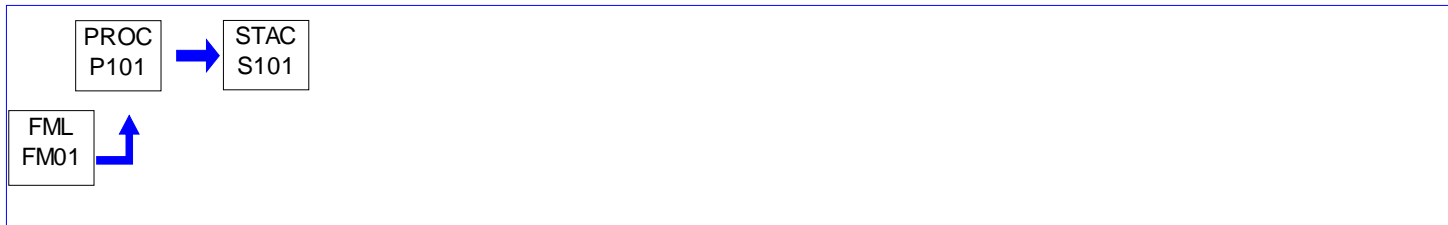
**SECTION D. Source Level Requirements**

Source ID: P101

Source Name: 1300 BHP, CLARK HBA-5T, ENGINE 1

Source Capacity/Throughput:

Conditions for this source occur in the following groups: COMPREHENSIVE  
 RACT 2 P101-P105  
 RACT 3 P101-P105  
 RACT I P101-P105  
 RACT I P101-P107

**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.****# 001 [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 nitrogen oxides (NOx) and carbon monoxide (CO) tests upon the subject engine using a portable exhaust gas analyzer that has been approved by the Department. This testing shall be performed during the periods of January 1 through June 30 and July 1 through December 31. Department approved reference method testing may be substituted for the portable analyzer testing required by this condition on a one-for-one basis (one occurrence of reference method testing may be substituted for one of the every-6-months occurrences of portable analyzer testing).

**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 P101 is a 1300 horsepower, 1951 vintage, Clark model HBA-5T turbo-charged natural gas fired reciprocating internal combustion engine (#1).

(b) The nitrogen oxides emissions from Source ID P101 shall be controlled by a Dresser Rand screw-in prechamber (SIP) system.

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

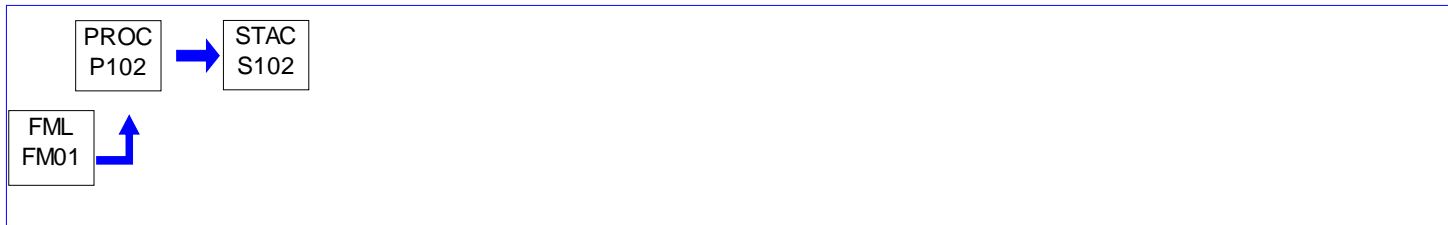
**SECTION D. Source Level Requirements**

Source ID: P102

Source Name: 1300 BHP, CLARK HBA-5T, ENGINE 2

Source Capacity/Throughput:

Conditions for this source occur in the following groups: COMPREHENSIVE  
 RACT 2 P101-P105  
 RACT 3 P101-P105  
 RACT I P101-P105  
 RACT I P101-P107

**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.****# 001 [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 nitrogen oxides (NOx) and carbon monoxide (CO) tests upon the subject engine using a portable exhaust gas analyzer that has been approved by the Department. This testing shall be performed during the periods of January 1 through June 30 and July 1 through December 31. Department approved reference method testing may be substituted for the portable analyzer testing required by this condition on a one-for-one basis (one occurrence of reference method testing may be substituted for one of the every-6-months occurrences of portable analyzer testing).

**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 P102 is a 1300 horsepower, 1951 vintage, Clark model HBA-5T turbo-charged natural gas fired reciprocating internal combustion engine (#2).

(b) The nitrogen oxides emissions from Source ID P102 shall be controlled by a Dresser Rand screw-in prechamber (SIP) system.

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

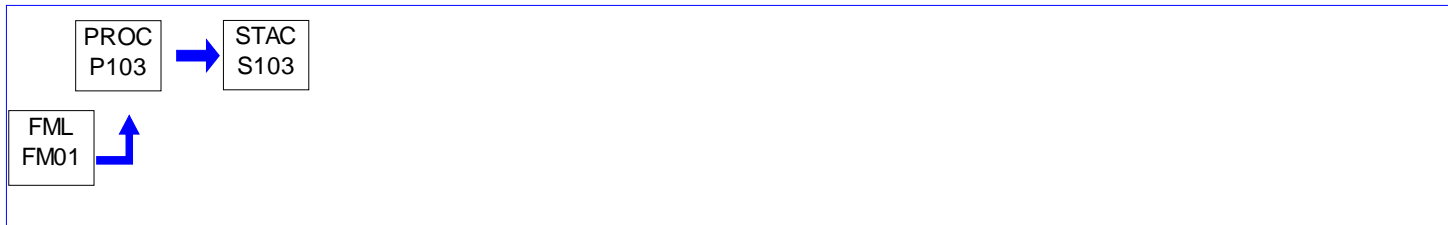
**SECTION D. Source Level Requirements**

Source ID: P103

Source Name: 1300 BHP, CLARK HBA-5T, ENGINE 3

Source Capacity/Throughput:

Conditions for this source occur in the following groups: COMPREHENSIVE  
 RACT 2 P101-P105  
 RACT 3 P101-P105  
 RACT I P101-P105  
 RACT I P101-P107

**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.****# 001 [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 nitrogen oxides (NOx) and carbon monoxide (CO) tests upon the subject engine using a portable exhaust gas analyzer that has been approved by the Department. This testing shall be performed during the periods of January 1 through June 30 and July 1 through December 31. Department approved reference method testing may be substituted for the portable analyzer testing required by this condition on a one-for-one basis (one occurrence of reference method testing may be substituted for one of the every-6-months occurrences of portable analyzer testing).

**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 1300 horsepower, 1951 vintage, Clark model HBA-5T turbo-charged natural gas fired reciprocating internal combustion engine (#3).

(b) The nitrogen oxides 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: 1300 BHP, CLARK HBA-5T, ENGINE 4

Source Capacity/Throughput:

Conditions for this source occur in the following groups: COMPREHENSIVE  
 RACT 2 P101-P105  
 RACT 3 P101-P105  
 RACT I P101-P105  
 RACT I P101-P107

**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.****# 001 [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 nitrogen oxides (NOx) and carbon monoxide (CO) tests upon the subject engine using a portable exhaust gas analyzer that has been approved by the Department. This testing shall be performed during the periods of January 1 through June 30 and July 1 through December 31. Department approved reference method testing may be substituted for the portable analyzer testing required by this condition on a one-for-one basis (one occurrence of reference method testing may be substituted for one of the every-6-months occurrences of portable analyzer testing).

**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 P104 is a 1300 horsepower, 1951 vintage, Clark model HBA-5T turbo-charged natural gas fired reciprocating internal combustion engine (#4).

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

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



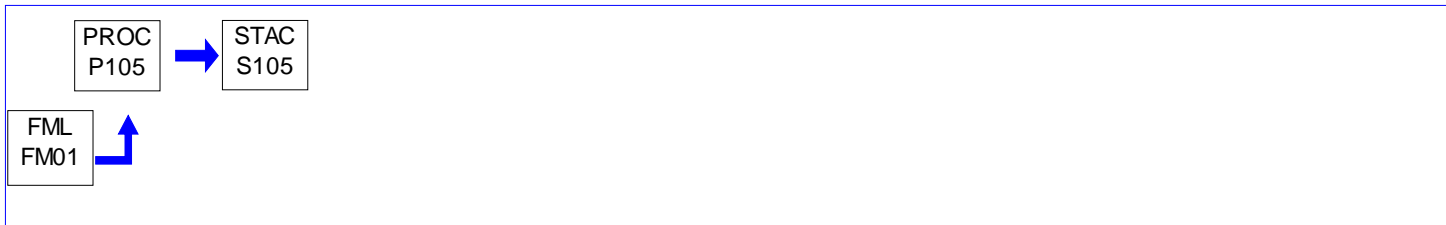
**SECTION D. Source Level Requirements**

Source ID: P105

Source Name: 1300 BHP, CLARK HBA-5T, ENGINE 5

Source Capacity/Throughput:

Conditions for this source occur in the following groups: COMPREHENSIVE  
 RACT 2 P101-P105  
 RACT 3 P101-P105  
 RACT I P101-P105  
 RACT I P101-P107

**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.****# 001 [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 nitrogen oxides (NOx) and carbon monoxide (CO) tests upon the subject engine using a portable exhaust gas analyzer that has been approved by the Department. This testing shall be performed during the periods of January 1 through June 30 and July 1 through December 31. Department approved reference method testing may be substituted for the portable analyzer testing required by this condition on a one-for-one basis (one occurrence of reference method testing may be substituted for one of the every-6-months occurrences of portable analyzer testing).

**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 P105 is a 1300 horsepower, 1951 vintage, Clark model HBA-5T turbo-charged natural gas fired reciprocating internal combustion engine (#5).

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

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

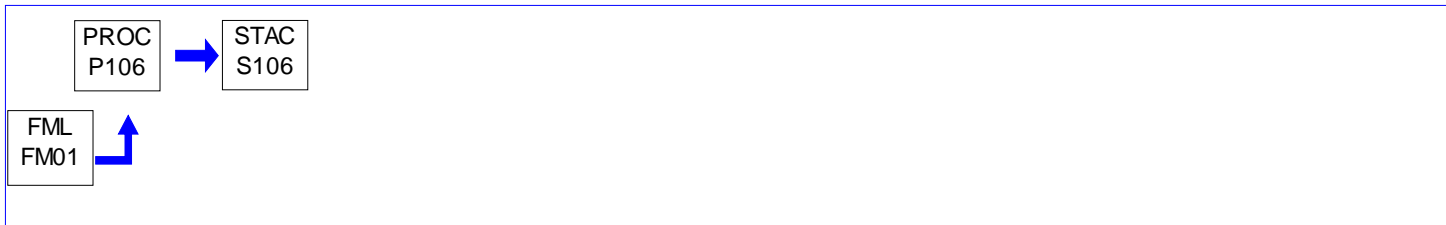
**SECTION D. Source Level Requirements**

Source ID: P106

Source Name: 2000 BHP CLARK TLA-6, ENGINE 6

Source Capacity/Throughput:

Conditions for this source occur in the following groups: COMPREHENSIVE  
 RACT 2 P106 & P107  
 RACT 3 P106 & P107  
 RACT I P101-P107  
 RACT I P106 & P107

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

[Additional authority for this condition is derived from 25 Pa. Code Sections 129.91 and 129.92]

Semi-annual nitrogen oxides and carbon monoxide tests shall be performed on the respective engine using a portable exhaust gas analyzer which has been approved by the Department. This testing shall be performed during the periods of January 1 through June 30 and July 1 through December 31. Reference method stack testing may be substituted for the portable analyzer testing required by this condition on a one-for-one basis (one occurrence of reference method testing may be substituted for one of the every-6-months occurrences of portable analyzer testing).

**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 P106 is a 2000 horsepower, 1957 vintage, Clark model TLA-6 turbo-charged natural gas-fired reciprocating internal combustion engine (#6).

(b) The nitrogen oxides emissions from Source ID P106 shall be controlled by a Dresser Rand screw-in prechamber (SIP) system operating in combination with a HyperFuel Valve high-pressure fuel injection (HPFI) system.

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

**SECTION D. Source Level Requirements**

Source ID: P107

Source Name: 2000 BHP CLARK TLA-6, ENGINE 7

Source Capacity/Throughput:

Conditions for this source occur in the following groups: COMPREHENSIVE  
 RACT 2 P106 & P107  
 RACT 3 P106 & P107  
 RACT I P101-P107  
 RACT I P106 & P107

**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.****# 001 [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 nitrogen oxides (NOx) and carbon monoxide (CO) tests upon the subject engine using a portable exhaust gas analyzer that has been approved by the Department. This testing shall be performed during the periods of January 1 through June 30 and July 1 through December 31. Department approved reference method testing may be substituted for the portable analyzer testing required by this condition on a one-for-one basis (one occurrence of reference method testing may be substituted for one of the every-6-months occurrences of portable analyzer testing).

**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 P107 is a 2000 horsepower, 1957 vintage, Clark model TLA-6 turbo-charged natural gas fired reciprocating internal combustion engine (#7).

(b) The nitrogen oxides emissions from Source ID P107 shall be controlled by a Dresser Rand screw-in prechamber (SIP) system operating in combination with a HyperFuel Valve high-pressure fuel injection (HPFI) system.

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

**SECTION D. Source Level Requirements**

Source ID: P108

Source Name: EMERGENCY GENERATOR ENGINE

Source Capacity/Throughput:

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

# 001 [25 Pa. Code §123.13]

**Processes**

No person may permit the emission of particulate matter into the outdoor atmosphere from Source ID P108 in excess of 0.04 grains per dry standard cubic foot of effluent gas volume.

# 002 [25 Pa. Code §123.21]

**General**

No person may permit the emission of sulfur oxides (SOx), expressed as SO<sub>2</sub>, into the outdoor atmosphere from Source ID P108 in such a manner that the concentration in the effluent gas exceeds 500 parts per million, by volume, dry basis.

**Fuel Restriction(s).**

# 003 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

Source ID P108 shall only be fired on pipeline quality natural gas.

**Operation Hours Restriction(s).**

# 004 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

Source ID P108 shall not be operated in excess of 100 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.**

# 005 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall maintain comprehensive accurate records of the number of hours Source ID P108 operates each month. All records generated pursuant to this condition shall be retained for a minimum of 5 years and shall be made available to the Department upon request.

# 006 [25 Pa. Code §129.100]

**Compliance demonstration and recordkeeping requirements.**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.100(d)(1), (2), and (i)]

**SECTION D. Source Level Requirements**

The permittee shall keep records to demonstrate compliance with §§ 129.96—129.97 in the following manner:

- (1) The records must include sufficient data and calculations to demonstrate that the requirements of §§ 129.96—129.97 are met.
- (2) Data or information required to determine compliance shall be recorded and maintained in a time frame consistent with the averaging period of the requirement.

The records shall be retained by the owner or operator for 5 years and made available to the Department upon receipt of a written request from the Department.

**V. REPORTING REQUIREMENTS.**

**# 007 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

The permittee shall submit a report annually which lists the number of hours Source ID P108 operated each month during the prior year. Each annual report shall be submitted to the Department by no later than March 1 for the immediately preceding January 1 through December 31 twelve consecutive month period.

**VI. WORK PRACTICE REQUIREMENTS.**

**# 008 [25 Pa. Code §129.97]**

**Presumptive RACT requirements, RACT emission limitations and petition for alternative compliance schedule.**

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

The permittee shall install, maintain, and operate this source in accordance with the manufacturer's specifications and with good operating practices.

**VII. ADDITIONAL REQUIREMENTS.**

**# 009 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

Source ID P108 is a 576 horsepower Volvo Penta TWD1630G diesel-fired emergency generator engine.

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



**SECTION D. Source Level Requirements**

Source ID: P109

Source Name: 2370 HP CATERPILLAR COMPRESSOR ENGINE

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 derived from 25 Pa. Code Sections 127.1 and 127.12]

- (a) The nitrogen oxides (NO<sub>x</sub>, expressed as NO<sub>2</sub>) emissions from Source P109 shall not exceed 0.70 grams per brake horsepower-hour, 3.66 pounds per hour and 16.03 tons in any 12 consecutive month period.
- (b) The carbon monoxide emissions from Source P109 shall not exceed 0.18 grams per brake horsepower-hour, 0.91 pounds per hour and 3.99 tons in any 12 consecutive month period.
- (c) The volatile organic compound emissions from Source P109 shall not exceed 0.20 grams per brake horsepower-hour, 1.05 pounds per hour and 4.58 tons in any 12 consecutive month period.
- (d) The particulate matter emissions, including particulate matter with an aerodynamic diameter of 10 microns or less (also known as PM-10), from Source P109 shall not exceed 0.16 pounds per hour and 0.70 tons in any 12 consecutive month period.
- (e) The total combined hazardous air pollutant emissions from Source P109 shall not exceed 0.47 pounds per hour and 2.06 tons in any 12 consecutive month period.
- (f) The formaldehyde emissions from Source P109 shall not exceed 0.08 grams per brake horsepower-hour, 0.42 pounds per hour and 1.84 tons in any 12 consecutive month period.
- (g) The sulfur oxides (SO<sub>x</sub>, expressed as SO<sub>2</sub>) emissions from Source P109 shall not exceed 0.009 pounds per hour and 0.04 tons in any 12 consecutive month period.

The emissions limitations contained in the condition apply only to "stack emissions" and do not have any applicability to any fugitive air contaminant emissions which may occur as a result of Source P109 operation.

Compliance with the nitrogen oxides (NO<sub>x</sub>, expressed as NO<sub>2</sub>), carbon monoxide and volatile organic compound emission limitations specified herein also ensures compliance with Section 60.4233 of Subpart JJJJ of the federal Standards of Performance for New Stationary Sources, 40 CFR 60.4233.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

The total combined fugitive volatile organic compound and total combined fugitive volatile hazardous air pollutant emissions associated with the operation of Source P109 and Source P110 shall not exceed 9.78 and 0.69 tons, respectively, in any 12-consecutive month period.

**# 003 [25 Pa. Code §129.112]****Presumptive RACT requirements, RACT emission limitations and petition for alternative compliance schedule**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.112(g)(3)(i)(A)]

The nitrogen oxides (NO<sub>x</sub>, expressed as NO<sub>2</sub>) emissions shall not exceed 3.0 grams per brake horsepower-hour.

**SECTION D. Source Level Requirements****# 004 [25 Pa. Code §129.112]****Presumptive RACT requirements, RACT emission limitations and petition for alternative compliance schedule**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.112(g)(3)(i)(B)]

The volatile organic compounds emissions (excluding formaldehyde) shall not exceed 0.5 grams per brake horsepower-hour.

**# 005 [25 Pa. Code §129.97]****Presumptive RACT requirements, RACT emission limitations and petition for alternative compliance schedule.**

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

The potential to emit nitrogen oxides shall not exceed 3.0 grams per brake horsepower-hour.

**# 006 [25 Pa. Code §129.97]****Presumptive RACT requirements, RACT emission limitations and petition for alternative compliance schedule.**

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

The potential to emit volatile organic compounds (excluding formaldehyde) shall not exceed 1.0 gram per brake horsepower-hour.

**Fuel Restriction(s).****# 007 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

Source P109 shall be fired only on pipeline quality natural gas.

**Control Device Efficiency Restriction(s).****# 008 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

Control Device C109 shall be capable of reducing the carbon monoxide, volatile organic compound and volatile hazardous air pollutant emissions from Source P109 by 93%, 80% and 80%, respectively.

Compliance with the carbon monoxide reduction requirement specified herein also ensures compliance with Section 63.6600 of Subpart ZZZZ of the National Emission Standards for Hazardous Air Pollutants, 40 CFR 63.6600.

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

(a) Nitrogen oxides and carbon monoxide testing shall thereafter be repeated on Source P109 on an annual basis (in each case, no less than 10 months and no more than 14 months following the previous test) and the volatile organic compound and formaldehyde testing shall thereafter be repeated on a triennial basis (in each case, no less than 32 months and no more than 36 months following the previous test). The permittee may request a change in the required frequency of testing once enough data has been generated to determine the consistency of compliance. The permittee shall use test methods and procedures acceptable to the Department. All testing shall be performed while Source P109 is operating at full load and full speed.

**SECTION D. Source Level Requirements****# 010 [25 Pa. Code §129.115]****Written notification, compliance demonstration and recordkeeping and reporting requirements**

[Additional authority for this condition is from 25 Pa. Code Section 129.115(b)(6)]

Within 180 days of issuance of this permit the permittee shall conduct EPA reference method testing in accordance with an emissions source test approved by the Department that meets the requirements of Chapter 139, Subchapter A (relating to sampling and testing methods and testing methods and procedures). This testing will be used to demonstrate compliance with the volatile organic compound emission limit specified in 25 Pa. Code Section 129.112(g)(3)(i)(B). This testing shall be repeated following the regular testing schedule for this source.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

Control Device C109 shall be equipped with instrumentation to continuously monitor the differential pressure across the catalyst and the catalyst inlet and outlet temperatures.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

The permittee shall maintain accurate and comprehensive records of all occurrences of natural gas venting associated with the operation of Source P109 which shall, at a minimum, include the date and time of each such occurrence, the estimated amount of natural gas vented during each such occurrence and the estimated quantity of volatile organic compounds and volatile hazardous air pollutants emitted during each such occurrence. All records generated pursuant to this condition shall be retained on site for a period of at least five (5) years from the date of generation and shall be made available to the Department upon request.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

The Department reserves the right to require the maintenance and reporting of records of the catalyst differential pressure and/or catalyst inlet and outlet temperatures for Control Device C109.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

The permittee shall maintain accurate and comprehensive records of, the date and time of all inspections performed pursuant to the condition herein, the identification of the inspector, what was inspected, the location of any observed fugitive volatile organic compound/volatile hazardous air pollutant emissions, identification of any corrective action taken pursuant to the condition herein to eliminate the observed fugitive emissions and the success, or failure, of the corrective action to eliminate the fugitive emissions. These same records shall be maintained for any nonscheduled observation of fugitive volatile organic compound/volatile hazardous air pollutant emissions and all corrective action(s) taken. All records generated pursuant to this condition shall be retained on site for a period of at least five (5) years from the date of generation and shall be made available to the Department upon request.

**# 015 [25 Pa. Code §129.100]****Compliance demonstration and recordkeeping requirements.**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.100(d)(1), (2), and (i)]

**SECTION D. Source Level Requirements**

The permittee shall keep records to demonstrate compliance with §§ 129.96—129.97 in the following manner:

- (1) The records must include sufficient data and calculations to demonstrate that the requirements of §§ 129.96—129.97 are met.
- (2) Data or information required to determine compliance shall be recorded and maintained in a time frame consistent with the averaging period of the requirement.

The records shall be retained by the owner or operator for 5 years and made available to the Department upon receipt of a written request from the Department.

**# 016 [25 Pa. Code §129.115]****Written notification, compliance demonstration and recordkeeping and reporting requirements**

[Additional authority for this condition is from 25 Pa. Code Section 129.115(f) and (k)]

(f) The permittee shall keep records to demonstrate compliance with §§ 129.111—129.114 and submit reports to the Department in accordance with the applicable regulations in 25 Pa. Code, Part I, Subpart C, Article III (relating to air resources)

(1) The records shall include sufficient data and calculations to demonstrate that the requirements of §§ 129.111—129.114 are met.

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

(3) The records necessary to determine compliance shall be reported to the Department on a schedule specified in the applicable regulation or as otherwise specified in the operating permit or plan approval for the air contamination source.

(k) The records shall be retained by the owner or operator for 5 years and made available to the Department upon receipt of a written request from the Department.

**V. REPORTING REQUIREMENTS.****# 017 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The submission of annual or semi-annual reports required by Subpart ZZZZ of the National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines, 40 CFR 63.6580 through 63.6675, or required by any other applicable section specified in the National Emission Standards for Hazardous Air Pollutants, or Subpart JJJJ of the Standards of Performance for New Stationary Sources, 40 CFR 60.4230 through 60.4248, or required by any other applicable section specified in the Standards of Performance for New Stationary Sources, must be made to both the Department of Environmental Protection and electronically to the Environmental Protection Agency. The electronic reports must be submitted using the subpart specific reporting form in the Compliance and Emissions Data Reporting Interface (CEDRI) that is accessed through EPA's Central Data Exchange (CDX) ([www.epa.gov/cdx](http://www.epa.gov/cdx)). However, if the reporting form specific to this subpart is not available in CEDRI at the time that the report is due, the written report must be submitted to the EPA e-mail address and Administrator postal address listed below.

The submission of all other requests, applications submittals and other communications required by Subpart ZZZZ of the National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines, 40 CFR 63.6580 through 63.6675, or required by any other applicable section specified in the National Emission Standards for Hazardous Air Pollutants, or Subpart JJJJ of the Standards of Performance for New Stationary Sources, 40 CFR 60.4230 through 60.4248, or required by any other applicable section specified in the Standards of Performance for New Stationary Sources must be made to both the Department of Environmental Protection and the Environmental Protection Agency. The copies may be sent to:

R3\_Air\_Apps\_and\_Notices@epa.gov

**SECTION D. Source Level Requirements**

and

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

**# 018 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

The permittee shall submit annual reports to the Department of all venting occurrence records maintained pursuant to the condition and all inspection/corrective action records maintained pursuant to the condition herein. The reports shall be submitted to the Department by no later than March 1 of each year for the preceding calendar year.

**VI. WORK PRACTICE REQUIREMENTS.**

**# 019 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

The permittee shall take corrective action, as necessary, to eliminate any fugitive emissions detected during the performance of inspections required by the condition herein, as well as any fugitive emissions detected at times other than during these inspections.

**# 020 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

The differential pressure across the catalyst in Control Device C109 shall not deviate by more than two inches wg at 100% engine load (plus or minus 10%) from the differential pressure measured across the catalyst during the initial stack testing required herein and the catalyst inlet temperature shall be maintained at a temperature of no less than 450° F but no more than 1,350° F.

Compliance with this condition also ensures compliance with Section 63.6600 of Subpart ZZZZ of the National Emission Standards for Hazardous Air Pollutants, 40 CFR 63.6600.

**# 021 [25 Pa. Code §129.97]**

**Presumptive RACT requirements, RACT emission limitations and petition for alternative compliance schedule.**

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

The permittee shall install, maintain, and operate this source in accordance with the manufacturer's specifications and with good operating practices for the control of volatile organic compounds.

**VII. ADDITIONAL REQUIREMENTS.**

**# 022 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

Source P109 is a 2,370 horsepower, 4-stroke, lean burn, natural gas-fired Caterpillar model #G3608 reciprocating internal combustion compressor engine, the air contaminant emissions from which shall be controlled by the installation of a prechambered combustion system, an LE-54C air fuel ratio controller and an EAS model EN4YE28 oxidation catalyst (Control Device C109).

**# 023 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

Source P109 shall comply with all applicable requirements specified in Subpart JJJJ of the federal Standards of

**SECTION D. Source Level Requirements**

Performance for New Stationary Sources, 40 CFR 60.4230--60.4248.

# 024 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

Source P109 shall comply with all applicable requirements specified in Subpart ZZZZ of the National Emission Standards for Hazardous Air Pollutants, 40 CFR 63.6580--63.6675.

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

**SECTION D. Source Level Requirements**

Source ID: P110

Source Name: 5810 HP SOLAR CENTAUR COMPRESSOR TURBINE

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 derived from 25 Pa. Code Sections 127.1 and 127.12]

(a) When Source P110 is operating in a SoLoNox mode:

(1) The nitrogen oxides (NO<sub>x</sub>, expressed as NO<sub>2</sub>) emissions shall not exceed 25 parts per million, by volume, dry basis, corrected to 15% oxygen and 4.66 pounds per hour.

(2) The carbon monoxide emissions shall not exceed 2 parts per million, by volume, dry basis, corrected to 15% oxygen and 0.23 pounds per hour.

(3) The volatile organic compound emissions shall not exceed 12.5 parts per million, by volume, dry basis, corrected to 15% oxygen and 0.24 pounds per hour.

(b) When Source P110 is operating in a non-SoLoNox mode, the nitrogen oxides (NO<sub>x</sub>, expressed as NO<sub>2</sub>), carbon monoxide and volatile organic compound emissions shall not exceed 7.00 pounds, 24.26 pounds and 2.87 pounds per hour, respectively.

The emission limitations contained in this condition apply only to "stack emissions" and do not have any applicability to any fugitive air contaminant emissions which may occur as a result of Source P110 operation.

Compliance with the nitrogen oxides (NO<sub>x</sub>, expressed as NO<sub>2</sub>) emission limitation specified herein also ensures compliance with Section 60.4320 of Subpart KKKK of the federal Standards of Performance for New Stationary Sources, 40 CFR 60.4320.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

The particulate matter, including particulate matter with an aerodynamic diameter of 10 microns or less (also known as PM-10), total combined hazardous air pollutant, formaldehyde and sulfur oxides (SO<sub>x</sub>, expressed as SO<sub>2</sub>) emissions from Source P110 shall not exceed 0.0419, 0.0012, 0.00019 and 0.0006 pounds per million Btu of heat input, respectively.

The emission limitations contained in this condition apply only to "stack emissions" and do not have any applicability to any fugitive air contaminant emissions which may occur as a result of Source P110 operation.

Compliance with the sulfur oxides (SO<sub>x</sub>, expressed as SO<sub>2</sub>) emission limitation specified herein also ensures compliance with Section 60.4330 of Subpart KKKK of the federal Standards of Performance for New Stationary Sources, 40 CFR 60.4330.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

The nitrogen oxides, carbon monoxide, volatile organic compound, particulate matter, including particulate matter with an aerodynamic diameter of 10 microns or less (also known as PM-10), total combined hazardous air pollutant, formaldehyde

**SECTION D. Source Level Requirements**

and sulfur oxides (SO<sub>x</sub>, expressed as SO<sub>2</sub>) emissions from Source P110 shall not exceed 20.43, 1.25, 1.08, 9.2, 0.25, 0.04 and 0.13 tons, respectively, in any 12-consecutive month period.

The emission limitations contained in this condition apply only to "stack emissions" and do not have any applicability to any fugitive air contaminant emissions which may occur as a result of Source P110 operation.

**# 004 [25 Pa. Code §129.112]****Presumptive RACT requirements, RACT emission limitations and petition for alternative compliance schedule**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.112(g)(2)(v)(A)]

The nitrogen oxides (NO<sub>x</sub>, expressed as NO<sub>2</sub>) emissions shall not exceed 42 parts per million, by volume, dry basis, corrected to 15% oxygen.

**# 005 [25 Pa. Code §129.112]****Presumptive RACT requirements, RACT emission limitations and petition for alternative compliance schedule**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.112(g)(2)(v)(B)]

The volatile organic compound emissions (as propane) shall not exceed 9 parts per million, by volume, dry basis, corrected to 15% oxygen.

**# 006 [25 Pa. Code §129.97]****Presumptive RACT requirements, RACT emission limitations and petition for alternative compliance schedule.**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.97(g)(2)(iii)(A)]

The potential to emit nitrogen oxides shall not exceed 150 parts per million, dry volume @ 15% O<sub>2</sub>.

**# 007 [25 Pa. Code §129.97]****Presumptive RACT requirements, RACT emission limitations and petition for alternative compliance schedule.**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.97(g)(2)(iii)(C)]

The potential to emit volatile organic compounds (as propane) shall not exceed 9 parts per million, dry volume @ 15% O<sub>2</sub>.

**# 008 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6100]****Subpart YYY--National Emission Standards for Hazardous Air Pollutants for Stationary Combustion Turbines  
What emission and operating limitations must I meet?**

The permittee shall comply with the emission limitations and operating limitations in Table 1 and Table 2 of this subpart.

From Table 1:

The permittee shall limit the concentration of formaldehyde to 91 ppbv or less at 15-percent O<sub>2</sub>, except during turbine startup. The period of time for turbine startup is subject to the limits specified in the definition of startup in Section 63.6175.

From Table 2:

The permittee shall maintain the 4-hour rolling average of the catalyst inlet temperature within the range suggested by the catalyst manufacturer. You are not required to use the catalyst inlet temperature data that is recorded during engine startup in the calculations of the 4-hour rolling average catalyst inlet temperature.

**Fuel Restriction(s).****# 009 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]



**SECTION D. Source Level Requirements**

Source P110 shall be fired only on pipeline quality natural gas.

**Operation Hours Restriction(s).**

**# 010 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

Source P110 shall not be operated in a non-SoLoNOx mode for more than 20 hours in any 12-consecutive month period except for any operation in a non-SoLoNOx mode for the purposes of performing stack testing. Operation "for the purposes of performing stack testing" shall be interpreted as operation occurring during the actual performance of stack testing as well as a reasonable (as determined by the Department) amount of operation prior to the commencement of testing for the purpose of stabilizing the turbine in a non-SoLoNOx operating mode.

**Control Device Efficiency Restriction(s).**

**# 011 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

Control Device C110 shall be capable of reducing Source P110's carbon monoxide, volatile organic compound, volatile hazardous air pollutant and formaldehyde emissions by 96%, 50%, 86% and 94%, respectively.

**II. TESTING REQUIREMENTS.**

**# 012 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

(a) The SoLoNOx mode nitrogen oxides and carbon monoxide testing shall thereafter be repeated on an annual basis (in each case, no less than 10 months and no more than 14 months following the previous test) and the SoLoNOx mode volatile organic compound and formaldehyde testing shall thereafter be repeated on a triennial basis (in each case, no less than 32 months and no more than 36 months following the previous test). The permittee may request a change in the required frequency of testing once enough data has been generated to determine the consistency of compliance. The permittee shall use test methods and procedures acceptable to the Department. All testing shall be performed while the source is operating at full load and full speed.

**# 013 [25 Pa. Code §129.115]**

**Written notification, compliance demonstration and recordkeeping and reporting requirements**

[Additional authority for this condition is from 25 Pa. Code Section 129.115(b)(6)]

Within 180 days of issuance of this permit the permittee shall conduct EPA reference method testing in accordance with an emissions source test approved by the Department that meets the requirements of Chapter 139, Subchapter A (relating to sampling and testing methods and testing methods and procedures). This testing will be used to demonstrate compliance with the volatile organic compound emission limit specified in 25 Pa. Code Section 129.112(g)(2)(v)(B). This testing shall be repeated following the regular testing schedule for this source.

**# 014 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6115]**

**Subpart YYYY--National Emission Standards for Hazardous Air Pollutants for Stationary Combustion Turbines****When must I conduct subsequent performance tests?**

Subsequent performance tests must be performed on an annual basis as specified in Table 3 of this subpart.

**SECTION D. Source Level Requirements****III. MONITORING REQUIREMENTS.****# 015 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

Source P110 shall be equipped with instrumentation to continuously monitor whether it is operating in a SoLoNOx mode or a non-SoLoNOx mode.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

Control Device C110 shall be equipped with instrumentation to continuously monitor the differential pressure across the catalyst and the catalyst inlet and outlet temperatures.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

The permittee shall perform inspections of Source P110, the associated compressor and associated piping, etc., at least once per month to determine the presence of fugitive volatile organic compound/volatile hazardous air pollutant emissions.

**# 018 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6125]****Subpart YYYY--National Emission Standards for Hazardous Air Pollutants for Stationary Combustion Turbines****What are my monitor installation, operation, and maintenance requirements?**

(a) The permittee shall monitor on a continuous basis the catalyst inlet temperature in order to comply with the operating limitations in Table 2 and as specified in Table 5 of this subpart.

From Table 5:

The permittee shall continuously monitor the inlet temperature to the catalyst and maintaining the 4-hour rolling average of the inlet temperature within the range suggested by the catalyst manufacturer.

**# 019 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6135]****Subpart YYYY--National Emission Standards for Hazardous Air Pollutants for Stationary Combustion Turbines****How do I monitor and collect data to demonstrate continuous compliance?**

(a) Except for monitor malfunctions, associated repairs, and required quality assurance or quality control activities (including, as applicable, calibration checks and required zero and span adjustments of the monitoring system), you must conduct all parametric monitoring at all times the stationary combustion turbine is operating.

(b) Do not use data recorded during monitor malfunctions, associated repairs, and required quality assurance or quality control activities for meeting the requirements of this subpart, including data averages and calculations. You must use all the data collected during all other periods in assessing the performance of the control device or in assessing emissions from the new or reconstructed stationary combustion turbine.

**# 020 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6140]****Subpart YYYY--National Emission Standards for Hazardous Air Pollutants for Stationary Combustion Turbines****How do I demonstrate continuous compliance with the emission and operating limitations?**

(a) You must demonstrate continuous compliance with each emission limitation and operating limitation in Table 1 and Table 2 of this subpart according to methods specified in Table 5 of this subpart.

From Table 5:

The permittee shall continuously monitor the inlet temperature to the catalyst and maintaining the 4-hour rolling average of the inlet temperature within the range suggested by the catalyst manufacturer.

**SECTION D. Source Level Requirements**

(b) You must report each instance in which you did not meet each emission limitation or operating limitation. You must also report each instance in which you did not meet the requirements in Table 7 of this subpart that apply to you. These instances are deviations from the emission and operating limitations in this subpart. These deviations must be reported according to the requirements in Section 63.6150.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

The Department reserves the right to require the maintenance and reporting of records of the catalyst differential pressure and/or catalyst inlet and outlet temperatures for Control Device C110.

**# 022 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall maintain accurate and comprehensive records of the number of hours Source P110 operates in a non-SoLoNOx mode each month other than operation in a non-SoLoNOx mode for the purpose of performing stack tests. All records generated pursuant to this condition shall be retained for a period of at least five (5) years from the date of generation and shall be provided to the Department upon request.

**# 023 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

The permittee shall maintain accurate and comprehensive records of all occurrences of natural gas venting associated with the operation of Source P110 which shall, at a minimum, include the date and time of each such occurrence, the estimated amount of natural gas vented during each such occurrence and the estimated quantity of volatile organic compounds and volatile hazardous air pollutants emitted during each such occurrence. All records generated pursuant to this condition shall be retained on site for a period of at least five (5) years from the date of generation and shall be made available to the Department upon request.

**# 024 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

The permittee shall maintain accurate and comprehensive records of, the date and time of all inspections performed, the identification of the inspector, what was inspected, the location of any observed fugitive volatile organic compound/volatile hazardous air pollutant emissions, identification of any corrective action taken to eliminate the observed fugitive emissions and the success, or failure, of the corrective action to eliminate the fugitive emissions. These same records shall be maintained for any nonscheduled observation of fugitive volatile organic compound/volatile hazardous air pollutant emissions and all corrective action(s) taken. All records generated pursuant to this condition shall be retained on site for a period of at least five (5) years from the date of generation and shall be made available to the Department upon request.

**# 025 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

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

(a) The permittee shall maintain records of the supporting calculations used to verify compliance with the nitrogen oxide, carbon monoxide, and volatile organic compound lb/hr emission limitations.

(b) The permittee shall maintain records of the supporting calculations used to verify compliance with the annual tonnage emission limitations.

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

**SECTION D. Source Level Requirements****# 026 [25 Pa. Code §129.100]****Compliance demonstration and recordkeeping requirements.**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.100(d)(1), (2), and (i)]

The permittee shall keep records to demonstrate compliance with §§ 129.96—129.97 in the following manner:

- (1) The records must include sufficient data and calculations to demonstrate that the requirements of §§ 129.96—129.97 are met.
- (2) Data or information required to determine compliance shall be recorded and maintained in a time frame consistent with the averaging period of the requirement.

The records shall be retained by the owner or operator for 5 years and made available to the Department upon receipt of a written request from the Department.

**# 027 [25 Pa. Code §129.115]****Written notification, compliance demonstration and recordkeeping and reporting requirements**

[Additional authority for this condition is from 25 Pa. Code Section 129.115(f) and (k)]

(f) The permittee shall keep records to demonstrate compliance with §§ 129.111—129.114 and submit reports to the Department in accordance with the applicable regulations in 25 Pa. Code, Part I, Subpart C, Article III (relating to air resources)

- (1) The records shall include sufficient data and calculations to demonstrate that the requirements of §§ 129.111—129.114 are met.
- (2) Data or information required to determine compliance shall be recorded and maintained in a time frame consistent with the averaging period of the requirement.
- (3) The records necessary to determine compliance shall be reported to the Department on a schedule specified in the applicable regulation or as otherwise specified in the operating permit or plan approval for the air contamination source.

(k) The records shall be retained by the owner or operator for 5 years and made available to the Department upon receipt of a written request from the Department.

**# 028 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6155]****Subpart YYYY--National Emission Standards for Hazardous Air Pollutants for Stationary Combustion Turbines****What records must I keep?**

(a) You must keep the records as described in paragraphs (a)(1) through (7) of this section.

- (1) A copy of each notification and report that you submitted to comply with this subpart, including all documentation supporting any Initial Notification or Notification of Compliance Status that you submitted, according to the requirements in § 63.10(b)(2)(xiv).
- (2) Records of performance tests and performance evaluations as required in § 63.10(b)(2)(viii).
- (3) Before September 8, 2020, records of the occurrence and duration of each startup, shutdown, or malfunction as required in § 63.10(b)(2)(i).
- (4) Before September 8, 2020, records of the occurrence and duration of each malfunction of the air pollution control equipment, if applicable, as required in § 63.10(b)(2)(ii).
- (5) Records of all maintenance on the air pollution control equipment as required in § 63.10(b)(2)(iii).

**SECTION D. Source Level Requirements**

(6) After September 8, 2020, records of the date, time, and duration of each startup period, recording the periods when the affected source was subject to the standard applicable to startup.

(7) After September 8, 2020, keep records as follows.

(i) Record the number of deviations. For each deviation, record the date, time, cause, and duration of the deviation.

(ii) For each deviation, record and retain a list of the affected sources or equipment, an estimate of the quantity of each regulated pollutant emitted over any emission limit and a description of the method used to estimate the emissions.

(iii) Record actions taken to minimize emissions in accordance with § 63.6105(c), and any corrective actions taken to return the affected unit to its normal or usual manner of operation.

(c) You must keep the records required in Table 5 of this subpart to show continuous compliance with each operating limitation that applies to you.

(d) Any records required to be maintained by this part that are submitted electronically via the EPA's CEDRI may be maintained in electronic format. This ability to maintain electronic copies does not affect the requirement for facilities to make records, data, and reports available upon request to a delegated air agency or the EPA as part of an on-site compliance evaluation.

**# 029 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6160]**

**Subpart YYYY--National Emission Standards for Hazardous Air Pollutants for Stationary Combustion Turbines**

**In what form and how long must I keep my records?**

(a) You must maintain all applicable records in such a manner that they can be readily accessed and are suitable for inspection according to § 63.10(b)(1).

(b) As specified in § 63.10(b)(1), you must keep each record for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record.

(c) You must retain your records of the most recent 2 years on site or your records must be accessible on site. Your records of the remaining 3 years may be retained off site.

**V. REPORTING REQUIREMENTS.**

**# 030 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

The permittee shall submit annual records to the Department of the number of hours Source P110 operated in a non-SoLoNOx mode each month, other than operation in a non-SoLoNOx mode for the purpose of performing stack tests, during the respective annual period. The reports shall be submitted to the Department by no later than March 1 of each year for the preceding calendar year.

**# 031 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

The submission of all requests, reports, applications, submittals, and other communications required by Subpart KKKK of the federal Standards of Performance for New Stationary Sources, 40 CFR 60.4300--60.4420, and Subpart YYYY of the National Emission Standards for Hazardous Air Pollutants, 40 CFR 63.6080--63.6175, must be made to both the Department of Environmental Protection and the Environmental Protection Agency. The Environmental Protection Agency copies may be sent to:

U.S. EPA Region III  
Air, RCRA and Toxics Branch (3ED21)  
Four Penn Center  
1600 John F. Kennedy Boulevard

**SECTION D. Source Level Requirements**

Philadelphia, PA 19103-2852

and

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

**# 032 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

The permittee shall submit annual reports to the Department of all venting occurrence records maintained and all inspection/corrective action records maintained. The reports shall be submitted to the Department by no later than March 1 of each year for the preceding calendar year.

**# 033 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

The permittee shall submit a report annually providing the information required by the recordkeeping requirements for this source. Each annual report shall be submitted to the Department by no later than March 1 for the immediately preceding January 1 through December 31 twelve consecutive month period.

**# 034 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6145]**

**Subpart YYYY--National Emission Standards for Hazardous Air Pollutants for Stationary Combustion Turbines**

**What notifications must I submit and when?**

(a) The permittee shall submit all of the notifications in §§ 63.7(b) and (c), 63.8(e), 63.8(f)(4), and 63.9(b) and (h) that apply to you by the dates specified.

(f) The permittee shall submit a Notification of Compliance Status according to § 63.9(h)(2)(ii). For each performance test required to demonstrate compliance with the emission limitation for formaldehyde, you must submit the Notification of Compliance Status, including the performance test results, before the close of business on the 60th calendar day following the completion of the performance test.

**# 035 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6150]**

**Subpart YYYY--National Emission Standards for Hazardous Air Pollutants for Stationary Combustion Turbines**

**What reports must I submit and when?**

(a) Compliance report. Anyone who owns or operates a stationary combustion turbine which must meet the emission limitation for formaldehyde must submit a semiannual compliance report according to Table 6 of this subpart. The semiannual compliance report must contain the information described in paragraphs (a)(1) through (5) of this section. The semiannual compliance report, including the excess emissions and monitoring system performance reports of § 63.10(e)(3), must be submitted by the dates specified in paragraphs (b)(1) through (5) of this section, unless the Administrator has approved a different schedule. After September 8, 2020, or once the reporting template has been available on the Compliance and Emissions Data Reporting Interface (CEDRI) website for 180 days, whichever date is later, you must submit all subsequent reports to the EPA following the procedure specified in paragraph (g) of this section.

(1) Company name and address.

(2) Statement by a responsible official, with that official's name, title, and signature, certifying the accuracy of the content of the report.

(3) Date of report and beginning and ending dates of the reporting period.

(4) Before September 8, 2020, for each deviation from an emission limitation, the compliance report must contain the information in paragraphs (a)(4)(i) through (iii) of this section.

(i) The total operating time of each stationary combustion turbine during the reporting period.

**SECTION D. Source Level Requirements**

- (ii) Information on the number, duration, and cause of deviations (including unknown cause, if applicable), as applicable, and the corrective action taken.
- (iii) Information on the number, duration, and cause for monitor downtime incidents (including unknown cause, if applicable, other than downtime associated with zero and span and other daily calibration checks).
- (5) After September 8, 2020, report each deviation in the semiannual compliance report. Report the information specified in paragraphs (a)(5)(i) through (iv) of this section.
- (i) Report the number of deviations. For each instance, report the start date, start time, duration, and cause of each deviation, and the corrective action taken.
- (ii) For each deviation, the report must include a list of the affected sources or equipment, an estimate of the quantity of each regulated pollutant emitted over any emission limit, a description of the method used to estimate the emissions.
- (iii) Information on the number, duration, and cause for monitor downtime incidents (including unknown cause, if applicable, other than downtime associated with zero and span and other daily calibration checks), as applicable, and the corrective action taken.
- (iv) Report the total operating time of the affected source during the reporting period.
- (b) Dates of submittal for the semiannual compliance report are provided in (b)(1) through (b)(5) of this section.
- (1) The first semiannual compliance report must cover the period beginning on the compliance date specified in § 63.6095 and ending on June 30 or December 31, whichever date is the first date following the end of the first calendar half after the compliance date specified in § 63.6095.
- (2) The first semiannual compliance report must be postmarked or delivered no later than July 31 or January 31, whichever date follows the end of the first calendar half after the compliance date that is specified in § 63.6095.
- (3) Each subsequent semiannual compliance report must cover the semiannual reporting period from January 1 through June 30 or the semiannual reporting period from July 1 through December 31.
- (4) Each subsequent semiannual compliance report must be postmarked or delivered no later than July 31 or January 31, whichever date is the first date following the end of the semiannual reporting period.
- (5) For each stationary combustion turbine that is subject to permitting regulations pursuant to 40 CFR part 70 or 71, and if the permitting authority has established the date for submitting annual reports pursuant to 40 CFR 70.6(a)(3)(iii)(A) or 40 CFR 71.6(a)(3)(iii)(A), you may submit the first and subsequent compliance reports according to the dates the permitting authority has established instead of according to the dates in paragraphs (b)(1) through (4) of this section.

**# 036 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6150]****Subpart YYYY--National Emission Standards for Hazardous Air Pollutants for Stationary Combustion Turbines**  
**What reports must I submit and when?**

- (f) Performance test report. After September 8, 2020, within 60 days after the date of completing each performance test required by this subpart, you must submit the results of the performance test (as specified in § 63.6145(f)) following the procedures specified in paragraphs (f)(1) through (3) of this section.
- (1) Data collected using test methods supported by the EPA's Electronic Reporting Tool (ERT) as listed on the EPA's ERT website (<https://www.epa.gov/electronic-reporting-air-emissions/electronic-reporting-tool-ert>) at the time of the test. Submit the results of the performance test to the EPA via the CEDRI, which can be accessed through the EPA's Central Data Exchange (CDX) (<https://cdx.epa.gov/>). The data must be submitted in a file format generated through the use of the EPA's ERT. Alternatively, you may submit an electronic file consistent with the extensible markup language (XML) schema listed on the EPA's ERT website.

**SECTION D. Source Level Requirements**

(2) Data collected using test methods that are not supported by the EPA's ERT as listed on the EPA's ERT website at the time of the test. The results of the performance test must be included as an attachment in the ERT or an alternate electronic file consistent with the XML schema listed on the EPA's ERT website. Submit the ERT generated package or alternative file to the EPA via CEDRI.

(3) Confidential business information (CBI). If you claim some of the information submitted under paragraph (f)(1) of this section is CBI, you must submit a complete file, including information claimed to be CBI, to the EPA. The file must be generated through the use of the EPA's ERT or an alternate electronic file consistent with the XML schema listed on the EPA's ERT website. Submit the file on a compact disc, flash drive, or other commonly used electronic storage medium and clearly mark the medium as CBI. Mail the electronic medium to U.S. EPA/OAQPS/CORE CBI Office, Attention: Group Leader, Measurement Policy Group, MD C404-02, 4930 Old Page Rd., Durham, NC 27703. The same file with the CBI omitted must be submitted to the EPA via the EPA's CDX as described in paragraph (f)(1) of this section.

(g) If you are required to submit reports following the procedure specified in this paragraph, you must submit reports to the EPA via CEDRI, which can be accessed through the EPA's CDX (<https://cdx.epa.gov>). You must use the appropriate electronic report template on the CEDRI website (<https://www.epa.gov/electronic-reporting-air-emissions/compliance-and-emissions-data-reporting-interface-cedri>) for this subpart. The date report templates become available will be listed on the CEDRI website. The report must be submitted by the deadline specified in this subpart, regardless of the method in which the report is submitted. If you claim some of the information required to be submitted via CEDRI is CBI, submit a complete report, including information claimed to be CBI, to the EPA. The report must be generated using the appropriate form on the CEDRI website. Submit the file on a compact disc, flash drive, or other commonly used electronic storage medium and clearly mark the medium as CBI. Mail the electronic medium to U.S. EPA/OAQPS/CORE CBI Office, Attention: Group Leader, Measurement Policy Group, MD C404-02, 4930 Old Page Rd., Durham, NC 27703. The same file with the CBI omitted must be submitted to the EPA via the EPA's CDX as described earlier in this paragraph.

**VI. WORK PRACTICE REQUIREMENTS.****# 037 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

The permittee shall take corrective action, as necessary, to eliminate any fugitive emissions detected during the performance of inspections required herein, as well as any fugitive emissions detected at times other than during these inspections.

**# 038 [25 Pa. Code §129.97]****Presumptive RACT requirements, RACT emission limitations and petition for alternative compliance schedule.**

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

The permittee shall install, maintain, and operate this source in accordance with the manufacturer's specifications and with good operating practices for the control of volatile organic compounds.

**# 039 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6105]****Subpart YYYY--National Emission Standards for Hazardous Air Pollutants for Stationary Combustion Turbines****What are my general requirements for complying with this subpart?**

(c) The permittee shall operate and maintain any affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. The general duty to minimize emissions does not require the owner or operator to make any further efforts to reduce emissions if levels required by the applicable standard have been achieved. Determination of whether a source is operating in compliance with operation and maintenance requirements will be based on information available to the Administrator which may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source.



**SECTION D. Source Level Requirements****VII. ADDITIONAL REQUIREMENTS.****# 040 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

Source P110 is a 5,810 horsepower (6127 horsepower at ISO; 49.98 million Btu per hour heat input), natural gas fired Solar Centaur 50-5802S compressor turbine, the air contaminant emissions from which shall be controlled by a dry low NOx (SoLoNOx) combustion system (Control Device C110A) and a Universal Silencer (or equivalent as determined by the Department) oxidation catalyst (Control Device C110).

**# 041 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Source P110 shall comply with all applicable requirements specified in Subpart KKKK of the federal Standards of Performance for New Stationary Sources, 40 CFR 60.4300--60.4420.

**# 042 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Source P110 shall comply with all applicable requirements specified in Subpart YYYY of the National Emission Standards for Hazardous Air Pollutants, 40 CFR 63.6080--63.6175.

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

**SECTION D. Source Level Requirements**

Source ID: P111

Source Name: EIGHT 65 KW CAPSTONE MICROTURBINES

Source Capacity/Throughput:

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

The permittee shall not permit the emission of particulate matter into the outdoor atmosphere from the eight microturbines incorporated in Source P111 in such a manner that the concentration of particulate matter in the respective exhausts exceeds 0.04 grains per dry standard cubic foot of effluent gas volume.

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

The permittee shall not permit the emission of sulfur oxides, expressed as sulfur dioxide (SO<sub>2</sub>), into the outdoor atmosphere from the eight microturbines incorporated in Source P111 in such a manner that the concentration of the sulfur oxides in the respective exhausts 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 derived from 25 Pa. Code Section 127.1 and 127.12]

The nitrogen oxides (NO<sub>x</sub>, expressed as NO<sub>2</sub>), carbon monoxide, volatile organic compound emission rates from each of the eight microturbines incorporated in Source P111 shall not exceed 0.17 pound, 6.0 pounds and 0.10 pound per megawatt-hour, respectively.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.1 and 127.12]

The total combined nitrogen oxides (NO<sub>x</sub>, expressed as NO<sub>2</sub>) emissions from all eight microturbines incorporated in Source P111 shall not exceed 0.09 pound per hour and 0.39 ton in any 12-consecutive month period, the total combined carbon monoxide emissions shall not exceed 3.12 pounds per hour and 13.67 tons in any 12-consecutive month period, the total combined VOC emissions shall not exceed 0.05 pound per hour and 0.22 ton in a 12-consecutive month period, the total combined PM/PM<sub>10</sub> emissions shall not exceed 0.05 pound per hour and 0.22 ton in any 12-consecutive month period and the total combined sulfur oxides (SO<sub>x</sub>, expressed as SO<sub>2</sub>) SO<sub>x</sub> emissions shall not exceed 0.05 pound per hour and 0.22 ton in any 12-consecutive month period.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.1 and 127.12]

The eight microturbines incorporated in Source P111 shall be fired only 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).

**SECTION D. Source Level Requirements****III. MONITORING REQUIREMENTS.**

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

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

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

(a) The permittee shall maintain records of the supporting calculations used to verify compliance with the lb/hr and annual tonnage emission limitations.

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

**# 007 [25 Pa. Code §129.100]****Compliance demonstration and recordkeeping requirements.**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.100(d)(1), (2), and (i)]

The permittee shall keep records to demonstrate compliance with §§ 129.96—129.97 in the following manner:

(1) The records must include sufficient data and calculations to demonstrate that the requirements of §§ 129.96—129.97 are met.

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

The records shall be retained by the owner or operator for 5 years and made available to the Department upon receipt of a written request from the Department.

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

The permittee shall submit a report annually providing the information required by the recordkeeping requirements for this source. Each annual report shall be submitted to the Department by no later than March 1 for the immediately preceding January 1 through December 31 twelve consecutive month period.

**VI. WORK PRACTICE REQUIREMENTS.****# 009 [25 Pa. Code §129.97]****Presumptive RACT requirements, RACT emission limitations and petition for alternative compliance schedule.**

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

The permittee shall install, maintain, and operate this source 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.**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.1 and 127.12]

Source P111 is comprised of eight 65 kilowatt model C65 NG Low NOx Capstone MicroTurbines.

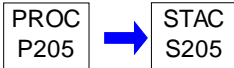
\*\*\* **Permit Shield in Effect.** \*\*\*

**SECTION D. Source Level Requirements**

Source ID: P205

Source Name: 3 STORAGE TANKS

Source Capacity/Throughput:

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

[Additional authority for this condition is from exemption criteria evaluated during review of the TVOP renewal application in February 2023]

- (a) The emissions of uncontrolled VOC emissions from each tank in this source shall not equal or exceed 2.7 tons on a 12-month rolling basis.
- (b) The emissions of uncontrolled HAPs emissions from each tank in this source shall not equal or exceed 1000 lbs of a single HAP or one ton of a combination of HAPs in any consecutive 12-month period. The HAPs may not contain Polychlorinated Biphenyls (PCBs), Chromium (Cr), Mercury (Hg), Lead (Pb), Polycyclic Organic Matter (POM), Dioxins or Furans.

**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 comprehensive and accurate records of the following:
- (1) vapor pressure of the contents of the tanks incorporated in Source ID P205.
  - (2) the volatile organic compound and hazardous air pollutant emissions to demonstrate compliance with the emission limitations.
- (b) These records shall be retained for a minimum of five years and be presented 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).

**SECTION D. Source Level Requirements****VI. WORK PRACTICE REQUIREMENTS.****# 003 [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.****# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Source ID P205 consists of the following storage tanks:

- (a) One 10,000 gallon methanol tank (C-2)
- (b) One 10,000 gallon distillate tank (D-2)
- (c) One 10,000 gallon pipeline fluids tank (Northern Area Support Pipeline Fluids Tank NAS-P-1)

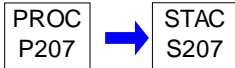
**\*\*\* Permit Shield in Effect. \*\*\***

**SECTION D. Source Level Requirements**

Source ID: P207

Source Name: GAS BLOWDOWNS

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 25 Pa. Code 129.91]

The potential to emit volatile organic compounds from Source ID P207 shall not exceed 3 pounds per hour, 15 pounds per day or 2.7 tons in any 12 consecutive month period. Should any of these limitations ever be exceeded a detailed RACT analysis which meets the criteria specified in 25 Pa. Code Section 129.92 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).

**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.**

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

The permittee shall maintain records, on a monthly basis, of the supporting calculations used to verify compliance with the volatile organic compound emission limitations for Source ID P207. These records shall be retained for a minimum of 5 years and shall be made available to the Department upon request.

**V. REPORTING 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 127.511]

The permittee shall submit annual reports to the Department (no later than March 1 for the previous year), which show the supporting calculations used to verify compliance with the emission limitations for the volatile organic compound emissions from Source ID P207

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

Source ID P207 includes natural gas blowdowns.

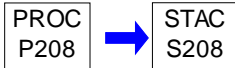
**\*\*\* Permit Shield in Effect. \*\*\***

**SECTION D. Source Level Requirements**

Source ID: P208

Source Name: ENGINE/COMPRESSOR TRANSITION VENTS

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 25 Pa. Code 129.91]

The volatile organic compound emissions from the engine/compressor transition vents shall not exceed a combined total 2.8 tons during 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.**

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

The permittee shall maintain records, on a monthly basis, of the supporting calculations used to verify compliance with the volatile organic compound emission limitation for the engine/compressor transition vents. These records shall be retained for a minimum of 5 years and shall be made available to the Department upon request.

**V. REPORTING 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 127.511]

The permittee shall submit annual reports to the Department (no later than March 1 for the previous year), which show the supporting calculations used to verify compliance with the emission limitation for the volatile organic compound emissions from the engine/compressor transition vents.

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

Source ID P208 consists of engine/compressor transition vents.

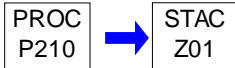
**\*\*\* Permit Shield in Effect. \*\*\***

**SECTION D. Source Level Requirements**

Source ID: P210

Source Name: STORAGE TANKS

Source Capacity/Throughput:

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

# 001 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The potential to emit volatile organic compounds from each storage tank incorporated in Sources ID P210 shall not exceed 2.7 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 comprehensive and accurate records of the vapor pressure of the contents of all of the storage tanks, the calculations used to demonstrate compliance with the volatile organic compound emission limitation for Source ID P210, and the supporting documentation used to calculate the volatile organic compound emissions from Source ID P210.

(b) All records generated pursuant to this condition shall be retained for a minimum of five 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.**

# 003 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

[Compliance with the requirements specified in this permit condition assures compliance with 25 Pa. Code Section 129.57]

The permittee shall not store anything in any of the storage tanks incorporated in Source ID P210 with a vapor pressure greater than 1.5 psia under actual storage conditions.

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

(a) Source ID P210 consists of the following storage tanks:

- (1) One 15,000 gallon ethylene glycol tank (B-1)
- (2) One 15,000 gallon dehydration water tank (F-2)

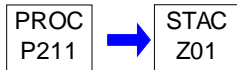
**\*\*\* Permit Shield in Effect. \*\*\***

**SECTION D. Source Level Requirements**

Source ID: P211

Source Name: STORAGE TANK

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 comprehensive and accurate records of the vapor pressure of the contents of the storage tank in Source ID P211.

(b) All records generated pursuant to this condition shall be retained for a minimum of five 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.**

[Compliance with the requirements specified in this permit condition assures compliance with 25 Pa. Code Section 129.57]

The permittee shall not store anything in the storage tank incorporated in Source ID P211 with a vapor pressure greater than 1.5 psia under actual storage conditions.

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

(a) Source ID P211 consists of the following tanks:

- (1) One 2000 gallon waste oil tank (E-1)
- (2) One 360 gallon waste oil tank (E-3)
- (3) One 10,000 gallon pipeline fluids tank (I-4)
- (4) One 1000 gallon pipeline fluids tank (P-2) (Sabinsville Relay)

**SECTION D. Source Level Requirements**

- (5) One 1500 gallon Glycol:Water (50:50) Tank (B-3) (Sabinsville Relay)
- (6) One 1000 gallon Glycol:Water (50:50) Tank (B-2) (Compressor Building)

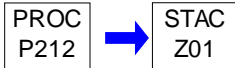
**\*\*\* Permit Shield in Effect. \*\*\***

**SECTION D. Source Level Requirements**

Source ID: P212

Source Name: STORAGE TANKS

Source Capacity/Throughput:

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

The total combined potential to emit volatile organic compounds from the storage tanks incorporated in Source ID P212 shall not exceed 0.10 tons in any 12 consecutive month period.

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

The total combined potential to emit hazardous air pollutants from the storage tanks incorporated in Source ID P212 shall not exceed 0.09 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.****# 003 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall keep comprehensive and accurate records of the vapor pressure of the contents of all of the storage tanks, the calculations used to demonstrate compliance with the volatile organic compound and hazardous air pollutant emission limitations for Source ID P212, and the supporting documentation used to calculate the volatile organic compound and hazardous air pollutant emissions from Source ID P212.

(b) All records generated pursuant to this condition shall be retained for a minimum of five 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.****# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Compliance with the requirements specified in this permit condition assures compliance with 25 Pa. Code Section 129.57]

The permittee shall not store anything in any of the storage tanks incorporated in Source ID P212 with a vapor pressure greater than 1.5 psia under actual storage conditions.

**SECTION D. Source Level Requirements****VII. ADDITIONAL REQUIREMENTS.****# 005 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) Source ID P212 consists of the following storage tanks:

- (1) Two pipeline fluids tanks (P-2 and P-3) each rated at 1000 gallons
- (2) One 10,000 gallon lube oil tank (A-1)
- (3) One 2000 gallon lube oil tank (A-2)
- (4) One 2000 gallon waste oil tank (E-4)

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

**SECTION E. Source Group Restrictions.**

Group Name: COMPREHENSIVE

Group Description: P101-P107 various limits and requirements

Sources included in this group

ID	Name
P101	1300 BHP, CLARK HBA-5T, ENGINE 1
P102	1300 BHP, CLARK HBA-5T, ENGINE 2
P103	1300 BHP, CLARK HBA-5T, ENGINE 3
P104	1300 BHP, CLARK HBA-5T, ENGINE 4
P105	1300 BHP, CLARK HBA-5T, ENGINE 5
P106	2000 BHP CLARK TLA-6, ENGINE 6
P107	2000 BHP CLARK TLA-6, ENGINE 7

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

# 001 [25 Pa. Code §123.13]

**Processes**

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

# 002 [25 Pa. Code §123.21]

**General**

No person may permit the emission into the outdoor atmosphere of sulfur oxides (SO<sub>x</sub>, expressed as SO<sub>2</sub>) from the subject engine in such a manner that the concentration of sulfur oxides 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 129.91]

Sometime between 3.5 years and 4.5 years after this permit is issued, the company shall perform stack testing upon the subject engine for nitrogen oxides (NO<sub>x</sub>, expressed as NO<sub>2</sub>), carbon monoxide, volatile organic compounds and non-methane hydrocarbons using reference method test procedures acceptable to the Department. All testing is to be performed while the respective engine is operating at full load and full speed.

# 004 [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 129.92]

In addition to the testing required by conditions herein, the Department reserves the right to require such additional testing upon the respective engine as it may reasonably prescribe pursuant to the provisions of Section 4 of the Pennsylvania Air Pollution Control Act, the Act of January 8, 1960, P.L. 2119 (1959), as amended, and as it may deem necessary to demonstrate compliance with any condition contained herein.

**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 129.95 and 127.511]

The permittee shall keep records in accordance with the recordkeeping requirements of 25 Pa. Code Section 129.95 which,



**SECTION E. Source Group Restrictions.**

at a minimum, shall include:

- (a) The number of hours per month that the subject engine is operated.
- (b) The amount of fuel used in the subject engine per month.

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

**V. REPORTING REQUIREMENTS.**

**# 006 [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 results of all portable exhaust gas analyzer tests shall be submitted to the Department within 30 days of test occurrence.

**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: RACT 2 P101-P105

Group Description: P101-P105 emission limits and recordkeeping

**Sources included in this group**

ID	Name
P101	1300 BHP, CLARK HBA-5T, ENGINE 1
P102	1300 BHP, CLARK HBA-5T, ENGINE 2
P103	1300 BHP, CLARK HBA-5T, ENGINE 3
P104	1300 BHP, CLARK HBA-5T, ENGINE 4
P105	1300 BHP, CLARK HBA-5T, ENGINE 5

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §129.97]****Presumptive RACT requirements, RACT emission limitations and petition for alternative compliance schedule.**

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

The potential to emit nitrogen oxides shall not exceed 3.0 grams per brake horsepower-hour.

**# 002 [25 Pa. Code §129.97]****Presumptive RACT requirements, RACT emission limitations and petition for alternative compliance schedule.**

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

The potential to emit volatile organic compounds (excluding formaldehyde) shall not exceed 1.0 gram per brake horsepower-hour.

**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.****# 003 [25 Pa. Code §129.100]****Compliance demonstration and recordkeeping requirements.**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.100(d)(1), (2), and (i)]

The permittee shall keep records to demonstrate compliance with §§ 129.96—129.97 in the following manner:

- (1) The records must include sufficient data and calculations to demonstrate that the requirements of §§ 129.96—129.97 are met.
- (2) Data or information required to determine compliance shall be recorded and maintained in a time frame consistent with the averaging period of the requirement.

The records shall be retained by the owner or operator for 5 years and made available to the Department upon receipt of a written request from the Department.

**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).

**VI. WORK PRACTICE REQUIREMENTS.**

**# 004 [25 Pa. Code §129.97]**

**Presumptive RACT requirements, RACT emission limitations and petition for alternative compliance schedule.**

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

The permittee shall install, maintain, and operate this source in accordance with the manufacturer's specifications and with good operating practices for the control of volatile organic compounds.

**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: RACT 2 P106 &amp; P107

Group Description: P106 and P107 emission limits and recordkeeping

Sources included in this group

ID	Name
P106	2000 BHP CLARK TLA-6, ENGINE 6
P107	2000 BHP CLARK TLA-6, ENGINE 7

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §129.97]****Presumptive RACT requirements, RACT emission limitations and petition for alternative compliance schedule.**

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

The potential to emit nitrogen oxides shall not exceed 3.0 grams per brake horsepower-hour.

**# 002 [25 Pa. Code §129.97]****Presumptive RACT requirements, RACT emission limitations and petition for alternative compliance schedule.**

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

The potential to emit volatile organic compounds (excluding formaldehyde) shall not exceed 1.0 gram per brake horsepower-hour.

**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.****# 003 [25 Pa. Code §129.100]****Compliance demonstration and recordkeeping requirements.**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.100(d)(1), (2), and (i)]

The permittee shall keep records to demonstrate compliance with §§ 129.96—129.97 in the following manner:

- (1) The records must include sufficient data and calculations to demonstrate that the requirements of §§ 129.96—129.97 are met.
- (2) Data or information required to determine compliance shall be recorded and maintained in a time frame consistent with the averaging period of the requirement.

The records shall be retained by the owner or operator for 5 years and made available to the Department upon receipt of a written request from 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).

**SECTION E. Source Group Restrictions.****VI. WORK PRACTICE REQUIREMENTS.****# 004 [25 Pa. Code §129.97]****Presumptive RACT requirements, RACT emission limitations and petition for alternative compliance schedule.**

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

The permittee shall install, maintain, and operate this source in accordance with the manufacturer's specifications and with good operating practices for the control of volatile organic compounds.

**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: RACT 3 P101-P105

Group Description: P101-P105 emission limits and recordkeeping

Sources included in this group

ID	Name
P101	1300 BHP, CLARK HBA-5T, ENGINE 1
P102	1300 BHP, CLARK HBA-5T, ENGINE 2
P103	1300 BHP, CLARK HBA-5T, ENGINE 3
P104	1300 BHP, CLARK HBA-5T, ENGINE 4
P105	1300 BHP, CLARK HBA-5T, ENGINE 5

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §129.112]****Presumptive RACT requirements, RACT emission limitations and petition for alternative compliance schedule**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.112(g)(3)(i)(A)]

The nitrogen oxides (NO<sub>x</sub>, expressed as NO<sub>2</sub>) emissions shall not exceed 3.0 grams per brake horsepower-hour.**# 002 [25 Pa. Code §129.112]****Presumptive RACT requirements, RACT emission limitations and petition for alternative compliance schedule**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.112(g)(3)(i)(B)]

The volatile organic compounds emissions (excluding formaldehyde) shall not exceed 0.5 grams per brake horsepower-hour.

**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.****# 003 [25 Pa. Code §129.115]****Written notification, compliance demonstration and recordkeeping and reporting requirements**

[Additional authority for this condition is from 25 Pa. Code Section 129.115(f) and (k)]

(f) The permittee shall keep records to demonstrate compliance with §§ 129.111—129.114 and submit reports to the Department in accordance with the applicable regulations in 25 Pa. Code, Part I, Subpart C, Article III (relating to air resources)

(1) The records shall include sufficient data and calculations to demonstrate that the requirements of §§ 129.111—129.114 are met.

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

(3) The records necessary to determine compliance shall be reported to the Department on a schedule specified in the applicable regulation or as otherwise specified in the operating permit or plan approval for the air contamination source.

**SECTION E. Source Group Restrictions.**

(k) The records shall be retained by the owner or operator for 5 years and made available to the Department upon receipt of a written request from 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: RACT 3 P106 &amp; P107

Group Description: P106 and P107 emissions limits and recordkeeping

Sources included in this group

ID	Name
P106	2000 BHP CLARK TLA-6, ENGINE 6
P107	2000 BHP CLARK TLA-6, ENGINE 7

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §129.112]****Presumptive RACT requirements, RACT emission limitations and petition for alternative compliance schedule**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.112(g)(3)(i)(A)]

The nitrogen oxides (NO<sub>x</sub>, expressed as NO<sub>2</sub>) emissions shall not exceed 3.0 grams per brake horsepower-hour.**# 002 [25 Pa. Code §129.112]****Presumptive RACT requirements, RACT emission limitations and petition for alternative compliance schedule**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.112(g)(3)(i)(B)]

The volatile organic compounds emissions (excluding formaldehyde) shall not exceed 0.5 grams per brake horsepower-hour.

**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.****# 003 [25 Pa. Code §129.115]****Written notification, compliance demonstration and recordkeeping and reporting requirements**

[Additional authority for this condition is from 25 Pa. Code Section 129.115(f) and (k)]

(f) The permittee shall keep records to demonstrate compliance with §§ 129.111—129.114 and submit reports to the Department in accordance with the applicable regulations in 25 Pa. Code, Part I, Subpart C, Article III (relating to air resources)

(1) The records shall include sufficient data and calculations to demonstrate that the requirements of §§ 129.111—129.114 are met.

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

(3) The records necessary to determine compliance shall be reported to the Department on a schedule specified in the applicable regulation or as otherwise specified in the operating permit or plan approval for the air contamination source.

(k) The records shall be retained by the owner or operator for 5 years and made available to the Department upon receipt of a written request from the Department.



**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).

**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: RACT I P101-P105

Group Description: P101-P105 emission limits and recordkeeping

Sources included in this group

ID	Name
P101	1300 BHP, CLARK HBA-5T, ENGINE 1
P102	1300 BHP, CLARK HBA-5T, ENGINE 2
P103	1300 BHP, CLARK HBA-5T, ENGINE 3
P104	1300 BHP, CLARK HBA-5T, ENGINE 4
P105	1300 BHP, CLARK HBA-5T, ENGINE 5

**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 129.91]

The nitrogen oxides (NO<sub>x</sub>, expressed as NO<sub>2</sub>) emissions from the subject engine shall not exceed 8.60 pounds per hour at full load/full speed or 17.16 pounds per hour at any time. Additionally, the emission of volatile organic compounds and carbon monoxide from the subject engine shall not exceed 2.30 and 10.37 pounds per hour respectively. The engine is not required to comply with these emission limits during engine startup and shutdown, provided that the duration of startup or 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.**

# 002 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

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

The permittee shall keep records of the following operating parameters for the subject engine:

(1) 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

(2) 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.

**SECTION E. Source Group Restrictions.**

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

(4) Stack test reports

(5) Portable analyzer test reports.

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

**V. REPORTING 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 127.511]

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

(1) The number of hours operated per month.

(2) The supporting calculations used to verify compliance with the emission limitations for: nitrogen oxides, carbon monoxide and volatile organic compounds.

The records 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 present 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: RACT I P101-P107

Group Description: P101-P107 fuel requirement

Sources included in this group

ID	Name
P101	1300 BHP, CLARK HBA-5T, ENGINE 1
P102	1300 BHP, CLARK HBA-5T, ENGINE 2
P103	1300 BHP, CLARK HBA-5T, ENGINE 3
P104	1300 BHP, CLARK HBA-5T, ENGINE 4
P105	1300 BHP, CLARK HBA-5T, ENGINE 5
P106	2000 BHP CLARK TLA-6, ENGINE 6
P107	2000 BHP CLARK TLA-6, ENGINE 7

**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 129.91]

The subject engine 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.**

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: RACT I P106 &amp; P107

Group Description: P106 and P107 emission limits and recordkeeping

**Sources included in this group**

ID	Name
P106	2000 BHP CLARK TLA-6, ENGINE 6
P107	2000 BHP CLARK TLA-6, ENGINE 7

**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 129.91]

The nitrogen oxides (NO<sub>x</sub>, expressed as NO<sub>2</sub>) emissions from the subject engine shall not exceed 13.23 pounds per hour at full load/full speed or 26.4 pounds per hour at any time. Additionally, the emission of volatile organic compounds and carbon monoxide from the subject engine shall not exceed 5.6 and 11.96 pounds per hour respectively. The engine is not required to comply with these emission limits during engine startup and shutdown, provided that the duration of startup or 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.****# 002 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

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

The permittee shall keep records of the following operating parameters for the subject engine:

(1) 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

(2) 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.

(3) The supporting calculations used to verify emission limitations for: nitrogen oxides, carbon monoxide, volatile organic compounds, sulfur oxides, and particulate matter.

**SECTION E. Source Group Restrictions.**

- (4) Stack test reports
- (5) Portable analyzer test reports

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

**V. REPORTING 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 127.511]

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

- (1) The number of hours operated per month.
- (2) The supporting calculations used to verify compliance with the emission limitations for nitrogen oxides, carbon monoxide and volatile organic compounds.

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

- One 360 gallon lube oil tank (E-2)
- One 5000 gallon pipeline fluids tank (P-1)
- One 10,000 gallon pipeline fluids tank (P-4) (Adjacent Northern Area Support Tanks)
- One 5000 gallon wastewater tank (H-1)
- Three 25,000 gallon brine tanks (Adjacent Northern Area Support Tanks I-1, I-2, and I-3)

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Revision No. 1, issued October 11, 2005, was an administrative amendment to delete Source ID 042 and to add Source ID 043 and Source ID P108.

Revision No. 2, issued October 24, 2006, was an administrative amendment to incorporate the terms and conditions of Plan Approvals #59-00005E and #59-00005F.

Revision No. 3, which was processed concurrently with the renewal, issued April 13, 2018, was a minor modification to incorporate presumptive RACT2 requirements and an administrative amendment to incorporate the terms and conditions of Plan Approvals #59-00005G and #59-00005J.

Revision #4: This operating permit was modified on May 2, 2019, via minor modification requirements of 25 Pa. Code Section 127.462 to allow for an uneditable electronic record to satisfy the logbook requirement and to allow fuel tariff documentation or contract to verify the sulfur content of the fuel used in Sources P101 through P107.

Revision #5: This operating permit was modified on November 22, 2019, via administrative amendment requirements of 25 Pa. Code Section 127.450 to update the responsible official and permit contact.

Revision #6: This operating permit was modified on January 4, 2021, via administrative amendment requirements of 25 Pa. Code Section 127.450 to update the company name and mailing address.



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

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