



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

TITLE V/STATE OPERATING PERMIT

Issue Date: December 4, 2023

Effective Date: December 4, 2023

Expiration Date: November 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: 61-00198

Federal Tax Id - Plant Code: 23-3023825-1

Owner Information

Name: HANDSOME LAKE ENERGY LLC

Mailing Address: 1 INDUSTRIAL HWY
EDDYSTONE, PA 19022-1524

Plant Information

Plant: HANDSOME LAKE ENERGY LLC/KENNERDELL

Location: 61 Venango County

61924 Rockland Township

SIC Code: 4911 Trans. & Utilities - Electric Services

Responsible Official

Name: JOSEPH M DICK

Title: GENERAL MANAGER

Phone: (610) 595 - 8101

Email: Joseph.dick@constellation.com

Permit Contact Person

Name: JOSEPH KUKLINSKI

Title: ENVIRONMENTAL SPECIALIST

Phone: (610) 595 - 8113

Email: joseph.kuklinski@constellation.com

[Signature] _____
ERIC A. GUSTAFSON, NORTHWEST REGION AIR PROGRAM MANAGER



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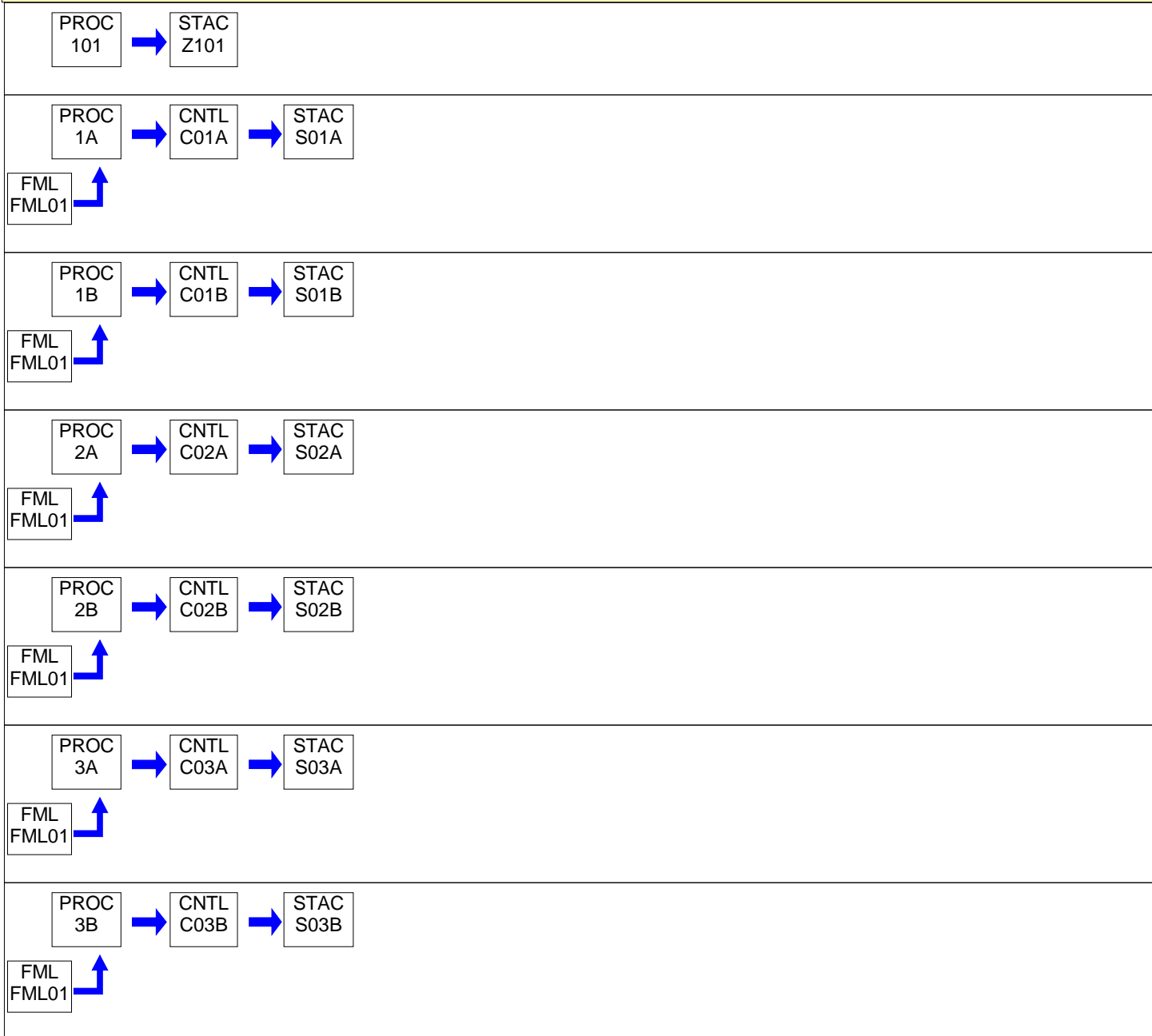
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**SECTION A. Site Inventory List**

Source ID	Source Name	Capacity/Throughput		Fuel/Material
101	PARTS WASHER	0.010	Lbs/HR	PETROLEUM
1A	COMBUSTION TURBINE UNIT 1A (529 MMBTU/HR)	264.500	MMBTU/HR	
		529.000	MCF/HR	Natural Gas
1B	COMBUSTION TURBINE UNIT 1B (529 MMBTU/HR)	264.500	MMBTU/HR	
		529.000	MCF/HR	Natural Gas
2A	COMBUSTION TURBINE UNIT 2A (529 MMBTU/HR)	264.500	MMBTU/HR	
		529.000	MCF/HR	Natural Gas
2B	COMBUSTION TURBINE UNIT 2B (529 MMBTU/HR)	264.500	MMBTU/HR	
		529.000	MCF/HR	Natural Gas
3A	COMBUSTION TURBINE UNIT 3A (529 MMBTU/HR)	264.500	MMBTU/HR	
		529.000	MCF/HR	Natural Gas
3B	COMBUSTION TURBINE UNIT 3B (529 MMBTU/HR)	264.500	MMBTU/HR	
		529.000	MCF/HR	Natural Gas
4A	COMBUSTION TURBINE UNIT 4A (529 MMBTU/HR)	264.500	MMBTU/HR	
		529.000	MCF/HR	Natural Gas
4B	COMBUSTION TURBINE UNIT 4B (529 MMBTU/HR)	264.500	MMBTU/HR	
		529.000	MCF/HR	Natural Gas
5A	COMBUSTION TURBINE UNIT 5A (529 MMBTU/HR)	264.500	MMBTU/HR	
		529.000	MCF/HR	Natural Gas
5B	COMBUSTION TURBINE UNIT 5B (529 MMBTU/HR)	264.500	MMBTU/HR	
		529.000	MCF/HR	Natural Gas
C01A	OXIDATION CATALYST 1A			
C01B	OXIDATION CATALYST 1B			
C02A	OXIDATION CATALYST 2A			
C02B	OXIDATION CATALYST 2B			
C03A	OXIDATION CATALYST 3A			
C03B	OXIDATION CATALYST 3B			
C04A	OXIDATION CATALYST 4A			
C04B	OXIDATION CATALYST 4B			
C05A	OXIDATION CATALYST 5A			
C05B	OXIDATION CATALYST 5B			
FML01	NATURAL GAS PIPELINE			
S01A	STACK UNIT 1A			
S01B	STACK UNIT 1B			
S02A	STACK UNIT 2A			
S02B	STACK UNIT 2B			
S03A	STACK UNIT 3A			
S03B	STACK UNIT 3B			
S04A	STACK UNIT 4A			
S04B	STACK UNIT 4B			
S05A	STACK UNIT 5A			

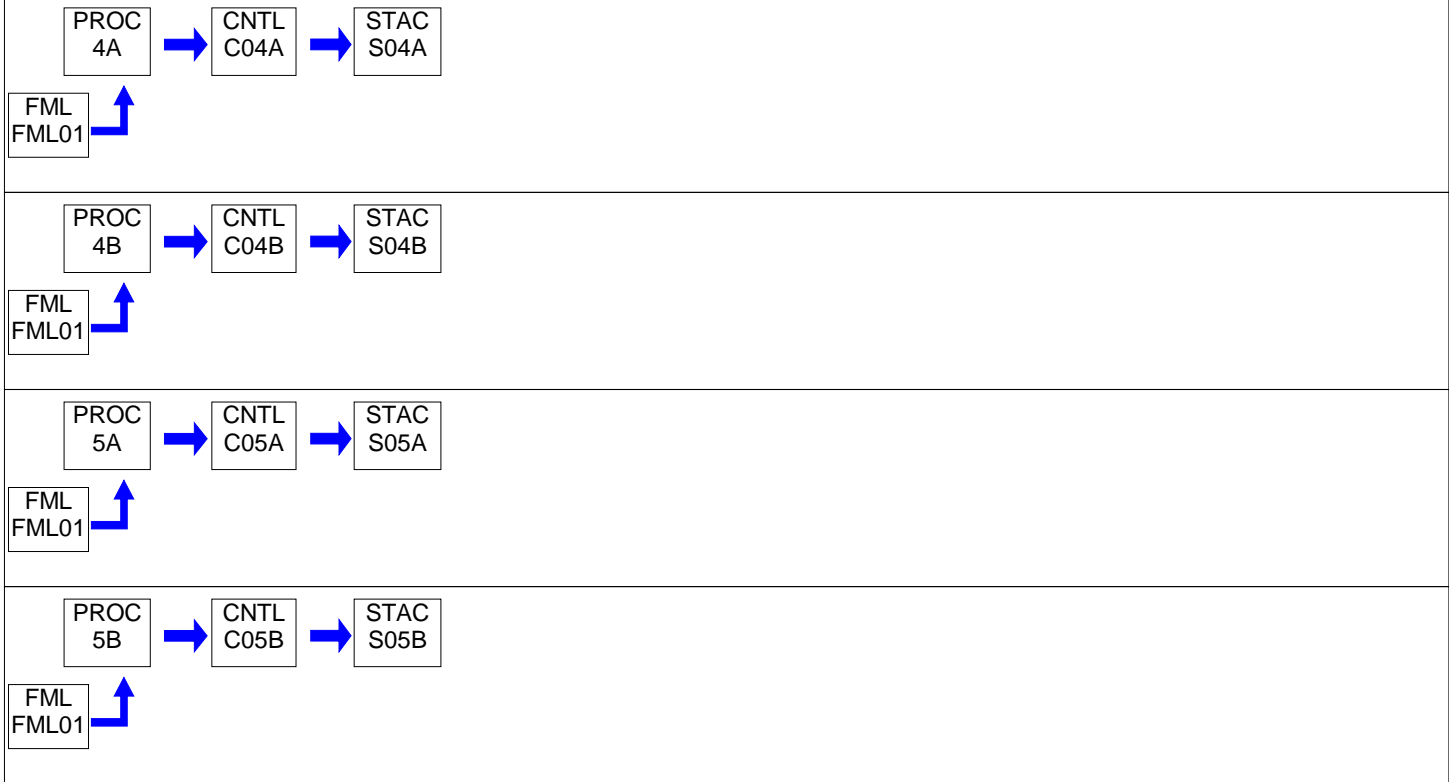
**SECTION A. Site Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
S05B	STACK UNIT 5B		
Z101	FUGITIVE EMISSIONS - PARTS WASHER		

PERMIT MAPS



PERMIT MAPS



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

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

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

No person may permit air pollution as that term is defined in the 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 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.

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

#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

**SECTION B. General Title V Requirements**

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].

#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

**SECTION B. General Title V Requirements**

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.

(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:

**SECTION B. General Title V Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

(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

**SECTION B. General Title V Requirements**

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

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

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

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

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

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

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

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

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

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

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

#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

**SECTION B. General Title V Requirements**

interconnected, or separate vessels that are located such that a regulated substance could be involved in a potential release, shall be considered a single process.

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

(1) Submit a compliance schedule for satisfying the requirements of 40 CFR Part 68 by the date specified in 40 CFR § 68.10(a); or,

(2) Certify that the Title V facility is in compliance with all requirements of 40 CFR Part 68 including the registration and submission of the RMP.

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

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

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

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

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

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

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

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

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

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

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

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

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

(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.

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

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

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

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

A person may not permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in Section C - Condition #001 (relating to prohibition of certain fugitive emissions) if such emissions are visible at the point the emissions pass outside the person's property.

003 [25 Pa. Code §123.31]**Limitations**

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

004 [25 Pa. Code §123.41]**Limitations**

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

- (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.

005 [25 Pa. Code §123.42]**Exceptions**

The limitations of 25 Pa Code, Section 123.41 (relating to limitations of visible air contaminants) shall not apply to a visible emission in any of the following instances:

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

**SECTION C. Site Level Requirements****# 006 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

[Plan Approval 61-198B]

a) Air emissions from the combustion turbines and associated sources shall be limited as follows (except for concentration emission rates (in ppmvd) that do not apply during startup, shutdown, and malfunction conditions):

NOx emissions shall not exceed any of the following limits:

- 25 ppmvd @ 15% O₂
- 30.1 lbs/hr (per turbine basis)
- 95.0 tons/year* (not to exceed 90 tpy without additional monitoring)

CO emissions shall not exceed any of the following limits:

- 25 ppmvd @ 15% O₂
- 18.3 lbs/hr (per turbine basis)
- 72.4 tons/year*

VOC emissions shall not exceed any of the following limits:

- 3.2 lbs/hr (per turbine basis)
- 9.0 tons/year*

SO₂ emissions shall not exceed any of the following limits:

- 0.7 lbs/hr (per turbine basis)
- 3.1 tons/year*

PM₁₀ emissions shall not exceed any of the following limits:

- 3.0 lbs/hr (per turbine basis)
- 13.1 tons/year*

*Facility Total (tons/year, to be defined as any consecutive 12 month rolling total)

[Facility Total Annual and Hourly Emissions Include Startup, Shutdown, and Malfunction Emissions.]

b) The duration of start-up and shutdown of each of the combustion turbines shall not exceed 30 minutes per occurrence.

c) The permittee shall take all practical actions necessary to reduce emissions during startup and shutdown procedures.

007 [25 Pa. Code §129.14]**Open burning operations**

(a) The permittee may not permit the open burning of material in an area outside of air basins in a manner that:

(1) The emissions are visible, at any time, at the point such emissions pass outside the property of the person on whose land the open burning is being conducted.

(2) Malodorous air contaminants from the open burning are detectable outside the property of the person on whose land the open burning is being conducted.

(3) The emissions interfere with the reasonable enjoyment of life or property.

(4) The emissions cause damage to vegetation or property.

(5) The emissions are or may be deleterious to human or animal health.

(b) Exceptions: The requirements of subsections (a) and (b) do not apply where the open burning operations result from:

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

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

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

**SECTION C. Site Level Requirements**

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

(5) A fire set solely for cooking food.

(c) Clearing and grubbing wastes. The following is applicable to clearing and grubbing wastes:

(1) As used in this subsection the following terms shall have the following meanings:

Air curtain destructor -- A mechanical device which forcefully projects a curtain of air across a pit in which open burning is being conducted so that combustion efficiency is increased and smoke and other particulate matter are contained.

Clearing and grubbing wastes -- Trees, shrubs, and other native vegetation which are cleared from land during or prior to the process of construction. The term does not include demolition wastes and dirt laden roots.

(2) Subsection (a) notwithstanding clearing and grubbing wastes may be burned outside of an air basin, subject to the following limitations:

(i) Upon receipt of a complaint or determination by the Department that an air pollution problem exists, the Department may order that the open burning cease or comply with subsection (b) of this section.

(ii) Authorization for open burning under this paragraph does not apply to clearing and grubbing wastes transported from an air basin for disposal outside of an air basin.

(3) During an air pollution episode, open burning is limited by Chapter 137 (relating to air pollution episodes) and shall cease as specified in such chapter.

[This permit does not constitute authorization to burn solid waste pursuant to Section 610(3) of the Solid Waste Management Act, 35 P.S. Section 6018.610(3), or any other provision of the Solid Waste Management Act.]

Fuel Restriction(s).**# 008 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

a) The approved fuel for this facility is pipeline quality natural gas. Changes in fuel type shall require permit modification. The requirement to monitor the nitrogen content of the natural gas has been waived by the U.S. EPA. This Custom Fuel Monitoring Schedule was approved on May 9, 2002.

[From Plan Approval Number PA61198A, Condition #8]

b) Pursuant to the requirements of 40 CFR Part 60, Subpart GG , the fuel-bound nitrogen content of the natural gas to be burned in the turbines shall not exceed 0.015 percent by weight.

[From Plan Approval Number PA61198A, Condition #10 and EPA approval dated April 9, 2001]

c) Pursuant to the requirements of 40 CFR Part 60, Subpart GG, the facility shall comply with one of the following:

i) No owner or operator subject to the provisions of Subpart GG shall cause to be discharged into the atmosphere from any stationary gas turbine, any gases which contain sulfur dioxide in excess of 0.015 percent by volume at 15% O₂ and on a dry basis, or

ii) No owner or operator subject to the provisions of Subpart GG shall burn in any stationary gas turbine any fuel which contains sulfur in excess of 0.8 percent by weight.

[From Plan Approval Number PA61198A, Condition #11]

**SECTION C. Site Level Requirements****Throughput Restriction(s).****# 009 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

[Plan Approval 61-198B]

Facility natural gas usage shall be limited to no more than 2,243 MMSCF fired per year, to be calculated daily as the sum of each consecutive 365 day period. The method of monitoring natural gas usage shall be through the use of an approved, properly calibrated fuel flowmeter. The burden of ensuring that the monitor is properly calibrated and certified in accordance with 40 CFR Part 75, Appendices D & E, shall be with the Handsome Lake facility.

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

The Department reserves the right to require exhaust stack testing of any source(s) as necessary to verify emissions for purposes including determining the correct emission fee, malfunctions, or determining compliance with applicable restrictions.

III. MONITORING REQUIREMENTS.**# 011 [25 Pa. Code §123.43]****Measuring techniques**

Visible emissions may be measured using using either of the following:

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

IV. RECORDKEEPING REQUIREMENTS.**# 012 [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 25 Pa. Code 135.3 and 135.21 (relating to reporting; and emission statements). 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. If direct recordkeeping is not possible or practical, sufficient records shall be kept to provide the needed information by indirect means.

V. REPORTING REQUIREMENTS.**# 013 [25 Pa. Code §135.21]****Emission statements**

(a) Except as provided in subsection (d), this section applies to stationary sources or facilities:

- (1) Located in an area designated by the Clean Air Act as a marginal, moderate, serious, severe or extreme ozone nonattainment area and which emit oxides of nitrogen or VOC.
- (2) Not located in an area described in subparagraph (1) and included in the Northeast Ozone Transport Region which emit or have the potential to emit 100 tons or more oxides of nitrogen or 50 tons or more of VOC per year.

(b) The owner or operator of each stationary source emitting oxides of nitrogen or VOC's shall provide the Department with a statement, in a form as the Department may prescribe, for classes or categories of sources, showing the actual emissions of oxides of nitrogen and VOCs from that source for each reporting period, a description of the method used to calculate the emissions and the time period over which the calculation is based. The statement shall contain a certification by a company officer or the plant manager that the information contained in the statement is accurate.

(c) Annual emission statements are due by March 1 for the preceding calendar year beginning with March 1, 1993, for calendar year 1992 and shall provide data consistent with requirements and guidance developed by the EPA. The guidance document is available from: United States Environmental Protection Agency, 401 M. Street, S.W., Washington, D.C. 20460.

**SECTION C. Site Level Requirements**

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 act.

(d) Subsection (a) does not apply to a class or category of stationary sources which emits less than 25 tons per year of VOC's or oxides of nitrogen, if the Department in its submissions to the Administrator of the EPA under section 182(a)(1) or (3)(B)(ii) of the Clean Air Act (42 U.S.C.A. 7511a(a)(1) or (3)(B)(ii)) provides an inventory of emissions from the class or category of sources based on the use of the emission factors established by the Administrator or other methods acceptable to the Administrator. The Department will publish in the Pennsylvania Bulletin a notice of the lists of classes or categories of sources which are exempt from the emission statement requirement under this subsection.

VI. WORK PRACTICE REQUIREMENTS.**# 014 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

The permittee shall take all reasonable actions to prevent particulate matter emitted from a source identified in Section C - Condition #001, shall take all reasonable actions to prevent particulate matter from becoming airborne. These actions shall include, but not be limited to, the following:

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

VII. ADDITIONAL REQUIREMENTS.

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

VIII. COMPLIANCE CERTIFICATION.

The permittee shall submit within thirty days of 08/31/2012 a certificate of compliance with all permit terms and conditions set forth in this Title V permit as required under condition #026 of section B of this permit, and annually thereafter.

IX. COMPLIANCE SCHEDULE.

No compliance milestones exist.

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

**SECTION D. Source Level Requirements**

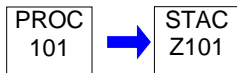
Source ID: 101

Source Name: PARTS WASHER

Source Capacity/Throughput:

0.010 Lbs/HR

PETROLEUM

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.**# 001 [25 Pa. Code §129.63]****Degreasing operations**

(a) Cold cleaning machines. Except for those subject to the Federal National emissions standards for hazardous air pollutants (NESHAP) for halogenated solvent cleaners under 40 CFR Part 63 (relating to National emission standards for hazardous air pollutants for source categories), this subsection applies to cold cleaning machines that use 2 gallons or more of solvents containing greater than 5% VOC content by weight for the cleaning of metal parts.

(1) Immersion cold cleaning machines shall have a freeboard ratio of 0.50 or greater.

(2) Immersion cold cleaning machines and remote reservoir cold cleaning machines shall:

(i) Have a permanent, conspicuous label summarizing the operating requirements in paragraph (3). In addition, the label shall include the following discretionary good operating practices:

(A) Cleaned parts should be drained at least 15 seconds or until dripping ceases, whichever is longer. Parts having cavities or blind holes shall be tipped or rotated while the part is draining. During the draining, tipping or rotating, the parts should be positioned so that solvent drains directly back to the cold cleaning machine.

(B) When a pump-agitated solvent bath is used, the agitator should be operated to produce a rolling motion of the solvent with no observable splashing of the solvent against the tank walls or the parts being cleaned.

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

**SECTION D. Source Level Requirements**

(ii) Be equipped with a cover that shall be closed at all times except during cleaning of parts or the addition or removal of solvent. For remote reservoir cold cleaning machines which drain directly into the solvent storage reservoir, a perforated drain with a diameter of not more than 6 inches shall constitute an acceptable cover.

(3) Cold cleaning machines shall be operated in accordance with the following procedures:

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

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

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

(iv) Air agitated solvent baths may not be used.

(v) Spills during solvent transfer and use of the cold cleaning machine shall be cleaned up immediately.

(4) After December 22, 2002, a person may not use, sell or offer for sale for use in a cold cleaning machine any solvent with a vapor pressure of 1.0 millimeter of mercury (mm Hg) or greater and containing greater than 5% VOC by weight, measured at 20°C (68°F) containing VOCs.

(5) On and after December 22, 2002, a person who sells or offers for sale any solvent containing VOCs for use in a cold cleaning machine shall provide, to the purchaser, the following written information:

(i) The name and address of the solvent supplier.

(ii) The type of solvent including the product or vendor identification number.

(iii) The vapor pressure of the solvent measured in mm hg at 20°C (68°F).

(6) A person who operates a cold cleaning machine shall maintain for at least 2 years and shall provide to the Department, on request, the information specified in paragraph (5). An invoice, bill of sale, certificate that corresponds to a number of sales, Material Safety Data Sheet (MSDS), or other appropriate documentation acceptable to the Department may be used to comply with this section.

(7) Paragraph (4) does not apply:

(i) To cold cleaning machines used in extreme cleaning service.

(ii) If the owner or operator of the cold cleaning machine demonstrates, and the Department approves in writing, that compliance with paragraph (4) will result in unsafe operating conditions.

(iii) To immersion cold cleaning machines with a freeboard ratio equal to or greater than 0.75.

(b) - (e) [Do not apply]

VII. ADDITIONAL REQUIREMENTS.

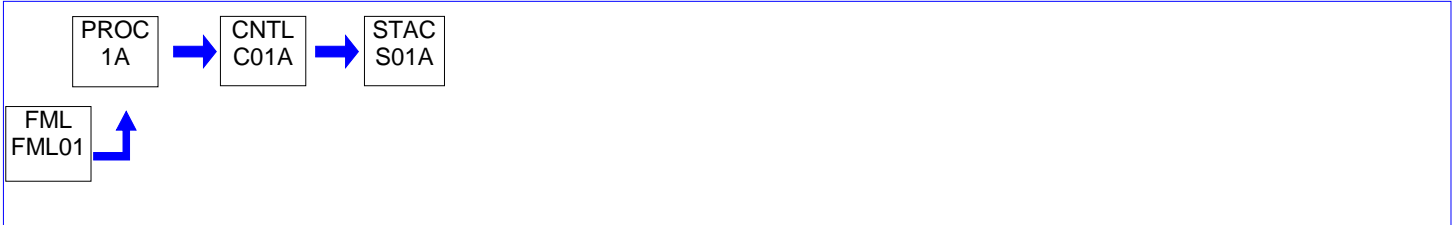
No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

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

**SECTION D. Source Level Requirements**

Source ID: 1A Source Name: COMBUSTION TURBINE UNIT 1A (529 MMBTU/HR)
Source Capacity/Throughput: 264.500 MMBTU/HR
529.000 MCF/HR Natural Gas

Conditions for this source occur in the following groups: 40 CFR 60.4
ACID RAIN
CSAPR
GROUP 3: BEST AVAILABLE TECHNOLOGY

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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).

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

**SECTION D. Source Level Requirements**

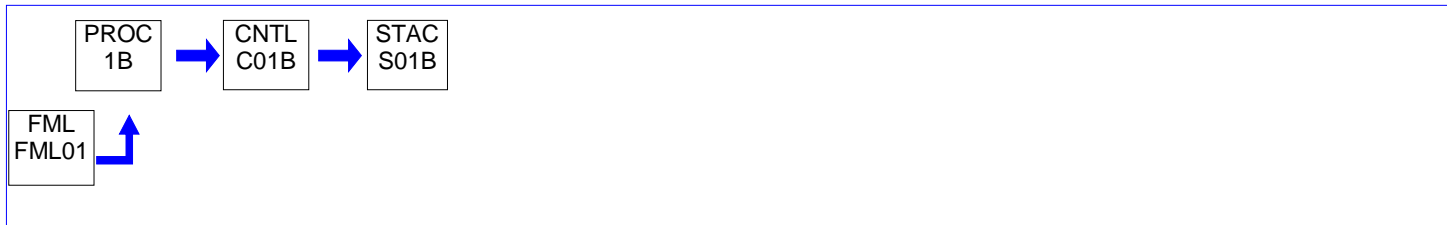
Source ID: 1B

Source Name: COMBUSTION TURBINE UNIT 1B (529 MMBTU/HR)

Source Capacity/Throughput: 264.500 MMBTU/HR

529.000 MCF/HR Natural Gas

Conditions for this source occur in the following groups: 40 CFR 60.4
 ACID RAIN
 CSAPR
 GROUP 3: BEST AVAILABLE TECHNOLOGY

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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).

*** Permit Shield in Effect. ***

**SECTION D. Source Level Requirements**

Source ID: 2A

Source Name: COMBUSTION TURBINE UNIT 2A (529 MMBTU/HR)

Source Capacity/Throughput: 264.500 MMBTU/HR

529.000 MCF/HR Natural Gas

Conditions for this source occur in the following groups: 40 CFR 60.4
 ACID RAIN
 CSAPR
 GROUP 3: BEST AVAILABLE TECHNOLOGY

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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).

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



SECTION D. Source Level Requirements

Source ID: 2B Source Name: COMBUSTION TURBINE UNIT 2B (529 MMBTU/HR)
Source Capacity/Throughput: 264.500 MMBTU/HR
 529.000 MCF/HR Natural Gas

Conditions for this source occur in the following groups: 40 CFR 60.4
 ACID RAIN
 CSAPR
 GROUP 3: BEST AVAILABLE TECHNOLOGY



I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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).

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

**SECTION D. Source Level Requirements**

Source ID: 3A

Source Name: COMBUSTION TURBINE UNIT 3A (529 MMBTU/HR)

Source Capacity/Throughput: 264.500 MMBTU/HR

529.000 MCF/HR Natural Gas

Conditions for this source occur in the following groups: 40 CFR 60.4
 ACID RAIN
 CSAPR
 GROUP 3: BEST AVAILABLE TECHNOLOGY

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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).

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

**SECTION D. Source Level Requirements**

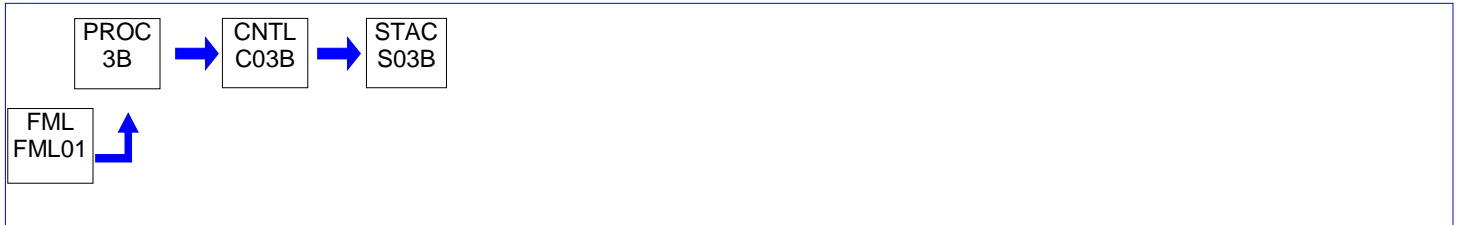
Source ID: 3B

Source Name: COMBUSTION TURBINE UNIT 3B (529 MMBTU/HR)

Source Capacity/Throughput: 264.500 MMBTU/HR

529.000 MCF/HR Natural Gas

Conditions for this source occur in the following groups: 40 CFR 60.4
 ACID RAIN
 CSAPR
 GROUP 3: BEST AVAILABLE TECHNOLOGY

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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).

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

**SECTION D. Source Level Requirements**

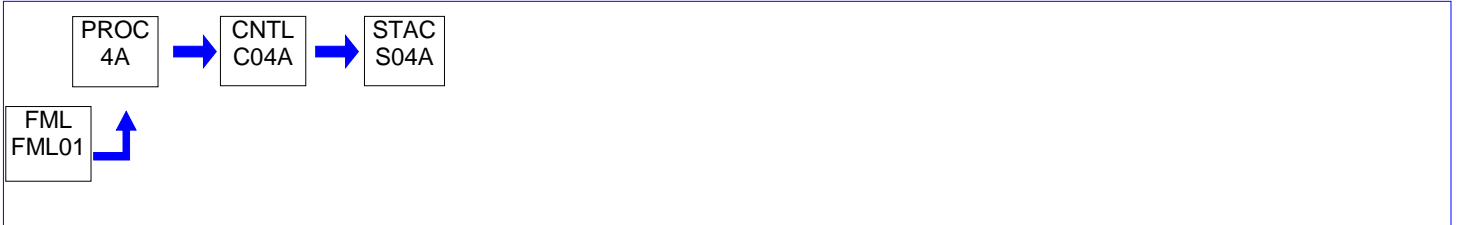
Source ID: 4A

Source Name: COMBUSTION TURBINE UNIT 4A (529 MMBTU/HR)

Source Capacity/Throughput: 264.500 MMBTU/HR

529.000 MCF/HR Natural Gas

Conditions for this source occur in the following groups: 40 CFR 60.4
 ACID RAIN
 CSAPR
 GROUP 3: BEST AVAILABLE TECHNOLOGY

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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).

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

**SECTION D. Source Level Requirements**

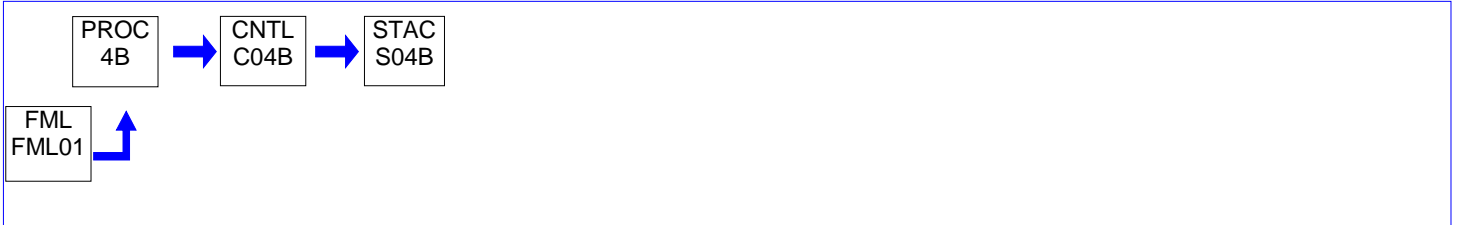
Source ID: 4B

Source Name: COMBUSTION TURBINE UNIT 4B (529 MMBTU/HR)

Source Capacity/Throughput: 264.500 MMBTU/HR

529.000 MCF/HR Natural Gas

Conditions for this source occur in the following groups: 40 CFR 60.4
 ACID RAIN
 CSAPR
 GROUP 3: BEST AVAILABLE TECHNOLOGY

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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).

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

**SECTION D. Source Level Requirements**

Source ID: 5A

Source Name: COMBUSTION TURBINE UNIT 5A (529 MMBTU/HR)

Source Capacity/Throughput: 264.500 MMBTU/HR

529.000 MCF/HR Natural Gas

Conditions for this source occur in the following groups: 40 CFR 60.4
 ACID RAIN
 CSAPR
 GROUP 3: BEST AVAILABLE TECHNOLOGY

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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).

*** Permit Shield in Effect. ***

**SECTION D. Source Level Requirements**

Source ID: 5B

Source Name: COMBUSTION TURBINE UNIT 5B (529 MMBTU/HR)

Source Capacity/Throughput: 264.500 MMBTU/HR

529.000 MCF/HR Natural Gas

Conditions for this source occur in the following groups: 40 CFR 60.4
 ACID RAIN
 CSAPR
 GROUP 3: BEST AVAILABLE TECHNOLOGY

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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).

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

**SECTION E. Source Group Restrictions.**

Group Name: 40 CFR 60.4

Group Description: Reports

Sources included in this group:

ID	Name
1A	COMBUSTION TURBINE UNIT 1A (529 MMBTU/HR)
1B	COMBUSTION TURBINE UNIT 1B (529 MMBTU/HR)
2A	COMBUSTION TURBINE UNIT 2A (529 MMBTU/HR)
2B	COMBUSTION TURBINE UNIT 2B (529 MMBTU/HR)
3A	COMBUSTION TURBINE UNIT 3A (529 MMBTU/HR)
3B	COMBUSTION TURBINE UNIT 3B (529 MMBTU/HR)
4A	COMBUSTION TURBINE UNIT 4A (529 MMBTU/HR)
4B	COMBUSTION TURBINE UNIT 4B (529 MMBTU/HR)
5A	COMBUSTION TURBINE UNIT 5A (529 MMBTU/HR)
5B	COMBUSTION TURBINE UNIT 5B (529 MMBTU/HR)

I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.**# 001 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4]****Subpart A - General Provisions****Address.**

In accordance with 40 CFR §60.4, copies of all requests, reports, applications, submittals, and other communications related to 40 CFR Part 60 compliance shall be forwarded to both the Department and the US EPA.

The EPA copies shall be forwarded to:

United States Environmental Protection Agency
 Region III, Air and Radiation Division
 Permits Branch (3AD10)
 Four Penn Center
 1600 John F. Kennedy Boulevard
 Philadelphia, Pennsylvania 19103-2852

The Department copies shall be submitted through OnBase:

OnBase Submittal:

<http://www.dep.pa.gov/DataandTools/Pages/Application-Form-Upload.aspx>



SECTION E. Source Group Restrictions.

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

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

**SECTION E. Source Group Restrictions.**

Group Name: ACID RAIN

Group Description: Special Conditions Related to Acid Rain

Sources included in this group:

ID	Name
1A	COMBUSTION TURBINE UNIT 1A (529 MMBTU/HR)
1B	COMBUSTION TURBINE UNIT 1B (529 MMBTU/HR)
2A	COMBUSTION TURBINE UNIT 2A (529 MMBTU/HR)
2B	COMBUSTION TURBINE UNIT 2B (529 MMBTU/HR)
3A	COMBUSTION TURBINE UNIT 3A (529 MMBTU/HR)
3B	COMBUSTION TURBINE UNIT 3B (529 MMBTU/HR)
4A	COMBUSTION TURBINE UNIT 4A (529 MMBTU/HR)
4B	COMBUSTION TURBINE UNIT 4B (529 MMBTU/HR)
5A	COMBUSTION TURBINE UNIT 5A (529 MMBTU/HR)
5B	COMBUSTION TURBINE UNIT 5B (529 MMBTU/HR)

I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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.**# 001 [25 Pa. Code §127.531]****Special conditions related to acid rain.**

- a) This facility is an affected source subject to the Phase II Acid Rain Requirements under Title IV of the Clean Air Act. In accordance with 25 Pa. Code Section 127.531, the Air Pollution Control Act, and Title IV of the Clean Air Act, the Department has issued and is incorporating by reference the Phase II Acid Rain Permit attached in Appendix A.
- b) SO₂ Allowance Allocation and NO_x Requirements for each affected unit. See Attachment A.
- c) Comments, Noted and Justification: None
- d) Acid Rain Permit Application(s). See Attachment A.



SECTION E. Source Group Restrictions.

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

**SECTION E. Source Group Restrictions.**

Group Name: CSAPR

Group Description: Cross State Air Pollution Rule Requirements

Sources included in this group:

ID	Name
1A	COMBUSTION TURBINE UNIT 1A (529 MMBTU/HR)
1B	COMBUSTION TURBINE UNIT 1B (529 MMBTU/HR)
2A	COMBUSTION TURBINE UNIT 2A (529 MMBTU/HR)
2B	COMBUSTION TURBINE UNIT 2B (529 MMBTU/HR)
3A	COMBUSTION TURBINE UNIT 3A (529 MMBTU/HR)
3B	COMBUSTION TURBINE UNIT 3B (529 MMBTU/HR)
4A	COMBUSTION TURBINE UNIT 4A (529 MMBTU/HR)
4B	COMBUSTION TURBINE UNIT 4B (529 MMBTU/HR)
5A	COMBUSTION TURBINE UNIT 5A (529 MMBTU/HR)
5B	COMBUSTION TURBINE UNIT 5B (529 MMBTU/HR)

I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

The requirements of 25 Pa. Code §§123.102 - 123.111 and 123.113 which pertained to the NOX Budget Rule were replaced by the CAIR requirements and subsequently by the CSAPR requirements and have been removed from this permit. The requirements of 25 Pa. Code §§145.204, 145.205, 145.212, 145.213, 145.221, 145.222, 145.223 and the requirements of 40 CFR §§97.106, 97.206, and 97.306 which pertained to the CAIR Requirements were replaced by the CSAPR requirements and have been removed from this permit.

002 [40 CFR Part 97 NOx Budget Trading Program and CAIR NOx and SO2 Trading Programs §40 CFR 97.404]**Subpart AAAAA - CSAPR NOx Annual Trading Program****Applicability.**

(a) Units 1A, 1B, 2A, 2B, 3A, 3B, 4A, 4B, 5A, and 5B are subject to the applicable requirements of 40 CFR Part 97, Subpart AAAAA - CSAPR NOx Annual Trading Program. As determined by 97.410 and adjusted on an annual basis by EPA, Units

**SECTION E. Source Group Restrictions.**

1A, 1B, 2A, 2B, 3A, and 3B are allocated 5 tons per year. Units 4A, 4B, 5A, and 5B are allocated 4 tons per year.

(b) In accordance with 40 CFR § 97.421, EPA will announce in a notice of data availability and record in the Units 1A, 1B, 2A, 2B, 3A, 3B, 4A, 4B, 5A, and 5B Annual NOx Compliance Account, the allowance allocations for control periods beyond the year 2020.

(c) The allowances in subsection (a) of this condition are subject to change. Any changes will be promulgated by US EPA in a notice of data availability. Upon promulgation, the new allowances replace the amounts in subsection (a) by rule.

**# 003 [40 CFR Part 97 NOx Budget Trading Program and CAIR NOx and SO2 Trading Programs §40 CFR 97.406]
Subpart AAAAA - CSAPR NOx Annual Trading Program
Standard requirements.**

(a) DESIGNATED REPRESENTATIVE REQUIREMENTS. The owners and operators shall comply with the requirement to have a designated representative, and may have an alternate designated representative, in accordance with §§97.413 through 97.418.

(b) EMISSIONS MONITORING, REPORTING, AND RECORDKEEPING REQUIREMENTS.

(1) The owners and operators, and the designated representative, of each CSAPR NOx Annual source and each CSAPR NOx Annual unit at the source shall comply with the monitoring, reporting, and recordkeeping requirements of §§97.430 through 97.435.

(2) The emissions data determined in accordance with §§97.430 through 97.435 shall be used to calculate allocations of CSAPR NOx Annual allowances under §§97.411(a)(2) and (b) and 97.412 and to determine compliance with the CSAPR NOx Annual emissions limitation and assurance provisions under paragraph (c) of this section, provided that, for each monitoring location from which mass emissions are reported, the mass emissions amount used in calculating such allocations and determining such compliance shall be the mass emissions amount for the monitoring location determined in accordance with §§97.430 through 97.435 and rounded to the nearest ton, with any fraction of a ton less than 0.50 being deemed to be zero.

(c) NOx EMISSIONS REQUIREMENTS.

(1) CSAPR NOx ANNUAL EMISSIONS LIMITATION.

(i) As of the allowance transfer deadline for a control period in a given year, the owners and operators of each CSAPR NOx Annual source and each CSAPR NOx Annual unit at the source shall hold, in the source's compliance account, CSAPR NOx Annual allowances available for deduction for such control period under §97.424(a) in an amount not less than the tons of total NOx emissions for such control period from all CSAPR NOx Annual units at the source.

(ii) If total NOx emissions during a control period in a given year from the CSAPR NOx Annual units at a CSAPR NOx Annual source are in excess of the CSAPR NOx Annual emissions limitation set forth in paragraph (c)(1)(i) of this section, then:

(A) The owners and operators of the source and each CSAPR NOx Annual unit at the source shall hold the CSAPR NOx Annual allowances required for deduction under §97.424(d); and

(B) The owners and operators of the source and each CSAPR NOx Annual unit at the source shall pay any fine, penalty, or assessment or comply with any other remedy imposed, for the same violations, under the Clean Air Act, and each ton of such excess emissions and each day of such control period shall constitute a separate violation of this subpart and the Clean Air Act.

(2) CSAPR NOx ANNUAL ASSURANCE PROVISIONS.

(i) If total NOx emissions during a control period in a given year from all CSAPR NOx Annual units at CSAPR NOx Annual sources in a State (and Indian country within the borders of such State) exceed the State assurance level, then the owners and operators of such sources and units in each group of one or more sources and units having a common designated representative for such control period, where the common designated representative's share of such NOx emissions during such control period exceeds the common designated representative's assurance level for the State and such control period, shall hold (in the assurance account established for the owners and operators of such group) CSAPR NOx Annual allowances available for deduction for such control period under §97.425(a) in an amount equal to two times the product (rounded to the nearest whole number), as determined by the Administrator in accordance with §97.425(b), of multiplying—

**SECTION E. Source Group Restrictions.**

(A) The quotient of the amount by which the common designated representative's share of such NOX emissions exceeds the common designated representative's assurance level divided by the sum of the amounts, determined for all common designated representatives for such sources and units in the State (and Indian country within the borders of such State) for such control period, by which each common designated representative's share of such NOX emissions exceeds the respective common designated representative's assurance level; and

(B) The amount by which total NOX emissions from all CSAPR NOX Annual units at CSAPR NOX Annual sources in the State (and Indian country within the borders of such State) for such control period exceed the State assurance level.

(ii) The owners and operators shall hold the CSAPR NOX Annual allowances required under paragraph (c)(2)(i) of this section, as of midnight of November 1 (if it is a business day), or midnight of the first business day thereafter (if November 1 is not a business day), immediately after the year of such control period.

(iii) Total NOX emissions from all CSAPR NOX Annual units at CSAPR NOX Annual sources in a State (and Indian country within the borders of such State) during a control period in a given year exceed the State assurance level if such total NOX emissions exceed the sum, for such control period, of the State NOX Annual trading budget under §97.410(a) and the State's variability limit under §97.410(b).

(iv) It shall not be a violation of this subpart or of the Clean Air Act if total NOX emissions from all CSAPR NOX Annual units at CSAPR NOX Annual sources in a State (and Indian country within the borders of such State) during a control period exceed the State assurance level or if a common designated representative's share of total NOX emissions from the CSAPR NOX Annual units at CSAPR NOX Annual sources in a State (and Indian country within the borders of such State) during a control period exceeds the common designated representative's assurance level.

(v) To the extent the owners and operators fail to hold CSAPR NOX Annual allowances for a control period in a given year in accordance with paragraphs (c)(2)(i) through (iii) of this section,

(A) The owners and operators shall pay any fine, penalty, or assessment or comply with any other remedy imposed under the Clean Air Act; and

(B) Each CSAPR NOX Annual allowance that the owners and operators fail to hold for such control period in accordance with paragraphs (c)(2)(i) through (iii) of this section and each day of such control period shall constitute a separate violation of this subpart and the Clean Air Act.

(3) COMPLIANCE PERIODS.

(i) A CSAPR NOX Annual unit shall be subject to the requirements under paragraph (c)(1) of this section for the control period starting on the later of January 1, 2015 or the deadline for meeting the unit's monitor certification requirements under §97.430(b) and for each control period thereafter.

(ii) A CSAPR NOX Annual unit shall be subject to the requirements under paragraph (c)(2) of this section for the control period starting on the later of January 1, 2017 or the deadline for meeting the unit's monitor certification requirements under §97.430(b) and for each control period thereafter.

(4) VINTAGE OF CSAPR NOX ANNUAL ALLOWANCES HELD FOR COMPLIANCE.

(i) A CSAPR NOX Annual allowance held for compliance with the requirements under paragraph (c)(1)(i) of this section for a control period in a given year must be a CSAPR NOX Annual allowance that was allocated or auctioned for such control period or a control period in a prior year.

(ii) A CSAPR NOX Annual allowance held for compliance with the requirements under paragraphs (c)(1)(ii)(A) and (c)(2)(i) through (iii) of this section for a control period in a given year must be a CSAPR NOX Annual allowance that was allocated or auctioned for a control period in a prior year or the control period in the given year or in the immediately following year.

(5) ALLOWANCE MANAGEMENT SYSTEM REQUIREMENTS. Each CSAPR NOX Annual allowance shall be held in, deducted from, or transferred into, out of, or between Allowance Management System accounts in accordance with this subpart.

(6) LIMITED AUTHORIZATION. A CSAPR NOX Annual allowance is a limited authorization to emit one ton of NOX during the control period in one year. Such authorization is limited in its use and duration as follows:

(i) Such authorization shall only be used in accordance with the CSAPR NOX Annual Trading Program; and

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(ii) Notwithstanding any other provision of this subpart, the Administrator has the authority to terminate or limit the use and duration of such authorization to the extent the Administrator determines is necessary or appropriate to implement any provision of the Clean Air Act.

(7) PROPERTY RIGHT. A CSAPR NOX Annual allowance does not constitute a property right.

(d) TITLE V PERMIT REQUIREMENTS.

(1) No title V permit revision shall be required for any allocation, holding, deduction, or transfer of CSAPR NOX Annual allowances in accordance with this subpart.

(2) A description of whether a unit is required to monitor and report NOX emissions using a continuous emission monitoring system (under subpart H of part 75 of this chapter), an excepted monitoring system (under appendices D and E to part 75 of this chapter), a low mass emissions excepted monitoring methodology (under §75.19 of this chapter), or an alternative monitoring system (under subpart E of part 75 of this chapter) in accordance with §§97.430 through 97.435 may be added to, or changed in, a title V permit using minor permit modification procedures in accordance with §§70.7(e)(2) and 71.7(e)(1) of this chapter, provided that the requirements applicable to the described monitoring and reporting (as added or changed, respectively) are already incorporated in such permit. This paragraph explicitly provides that the addition of, or change to, a unit's description as described in the prior sentence is eligible for minor permit modification procedures in accordance with §§70.7(e)(2)(i)(B) and 71.7(e)(1)(i)(B) of this chapter.

(e) ADDITIONAL RECORDKEEPING AND REPORTING REQUIREMENTS.

(1) Unless otherwise provided, the owners and operators of each CSAPR NOX Annual source and each CSAPR NOX Annual unit at the source shall keep on site at the source each of the following documents (in hardcopy or electronic format) for a period of 5 years from the date the document is created. This period may be extended for cause, at any time before the end of 5 years, in writing by the Administrator.

(i) The certificate of representation under §97.416 for the designated representative for the source and each CSAPR NOX Annual unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such certificate of representation and documents are superseded because of the submission of a new certificate of representation under §97.416 changing the designated representative.

(ii) All emissions monitoring information, in accordance with this subpart.

(iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under, or to demonstrate compliance with the requirements of, the CSAPR NOX Annual Trading Program.

(2) The designated representative of a CSAPR NOX Annual source and each CSAPR NOX Annual unit at the source shall make all submissions required under the CSAPR NOX Annual Trading Program, except as provided in §97.418. This requirement does not change, create an exemption from, or otherwise affect the responsible official submission requirements under a title V operating permit program in parts 70 and 71 of this chapter.

(f) LIABILITY.

(1) Any provision of the CSAPR NOX Annual Trading Program that applies to a CSAPR NOX Annual source or the designated representative of a CSAPR NOX Annual source shall also apply to the owners and operators of such source and of the CSAPR NOX Annual units at the source.

(2) Any provision of the CSAPR NOX Annual Trading Program that applies to a CSAPR NOX Annual unit or the designated representative of a CSAPR NOX Annual unit shall also apply to the owners and operators of such unit.

(g) EFFECT ON OTHER AUTHORITIES. No provision of the CSAPR NOX Annual Trading Program or exemption under §97.405 shall be construed as exempting or excluding the owners and operators, and the designated representative, of a CSAPR NOX Annual source or CSAPR NOX Annual unit from compliance with any other provision of the applicable, approved State implementation plan, a federally enforceable permit, or the Clean Air Act.

[76 FR 48379, Aug. 8, 2011, as amended at 77 FR 10334, Feb. 21, 2012; 79 FR 71672, Dec. 3, 2014; 81 FR 74606, Oct. 26, 2016, 86 FR 23182, Apr. 30, 2021]

004 [40 CFR Part 97 NOx Budget Trading Program and CAIR NOx and SO2 Trading Programs §40 CFR 97.430] Subpart AAAAA - CSAPR NOX Annual Trading Program General monitoring, recordkeeping, and reporting requirements.

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The owners and operators, and to the extent applicable, the designated representative, of a CSAPR NOX Annual unit, shall comply with the monitoring, recordkeeping, and reporting requirements as provided in this subpart and subpart H of part 75 of this chapter. For purposes of applying such requirements, the definitions in §97.402 and in §72.2 of this chapter shall apply, the terms “affected unit,” “designated representative,” and “continuous emission monitoring system” (or “CEMS”) in part 75 of this chapter shall be deemed to refer to the terms “CSAPR NOX Annual unit,” “designated representative,” and “continuous emission monitoring system” (or “CEMS”) respectively as defined in §97.402, and the term “newly affected unit” shall be deemed to mean “newly affected CSAPR NOX Annual unit”. The owner or operator of a unit that is not a CSAPR NOX Annual unit but that is monitored under §75.72(b)(2)(ii) of this chapter shall comply with the same monitoring, recordkeeping, and reporting requirements as a CSAPR NOX Annual unit.

(a) **REQUIREMENTS FOR INSTALLATION, CERTIFICATION, AND DATA ACCOUNTING.** The owner or operator of each CSAPR NOX Annual unit shall:

(1) Install all monitoring systems required under this subpart for monitoring NOX mass emissions and individual unit heat input (including all systems required to monitor NOX emission rate, NOX concentration, stack gas moisture content, stack gas flow rate, CO₂ or O₂ concentration, and fuel flow rate, as applicable, in accordance with §§75.71 and 75.72 of this chapter);

(2) Successfully complete all certification tests required under §97.431 and meet all other requirements of this subpart and part 75 of this chapter applicable to the monitoring systems under paragraph (a)(1) of this section; and

(3) Record, report, and quality-assure the data from the monitoring systems under paragraph (a)(1) of this section.

(b) **COMPLIANCE DEADLINES.** Except as provided in paragraph (e) of this section, the owner or operator of a CSAPR NOX Annual unit shall meet the monitoring system certification and other requirements of paragraphs (a)(1) and (2) of this section on or before the later of the following dates and shall record, report, and quality-assure the data from the monitoring systems under paragraph (a)(1) of this section on and after the later of the following dates:

(1) January 1, 2015; or

(2) 180 calendar days after the date on which the unit commences commercial operation.

(3) The owner or operator of a CSAPR NOX Annual unit for which construction of a new stack or flue or installation of add-on NOX emission controls is completed after the applicable deadline under paragraph (b)(1) or (2) of this section shall meet the requirements of §75.4(e)(1) through (4) of this chapter, except that:

(i) Such requirements shall apply to the monitoring systems required under §97.430 through §97.435, rather than the monitoring systems required under part 75 of this chapter;

(ii) NOX emission rate, NOX concentration, stack gas moisture content, stack gas volumetric flow rate, and O₂ or CO₂ concentration data shall be determined and reported, rather than the data listed in §75.4(e)(2) of this chapter; and

(iii) Any petition for another procedure under §75.4(e)(2) of this chapter shall be submitted under §97.435, rather than §75.66 of this chapter.

(c) **REPORTING DATA.** The owner or operator of a CSAPR NOX Annual unit that does not meet the applicable compliance date set forth in paragraph (b) of this section for any monitoring system under paragraph (a)(1) of this section shall, for each such monitoring system, determine, record, and report maximum potential (or, as appropriate, minimum potential) values for NOX concentration, NOX emission rate, stack gas flow rate, stack gas moisture content, fuel flow rate, and any other parameters required to determine NOX mass emissions and heat input in accordance with §75.31(b)(2) or (c)(3) of this chapter, section 2.4 of appendix D to part 75 of this chapter, or section 2.5 of appendix E to part 75 of this chapter, as applicable.

(d) **PROHIBITIONS.**

(1) No owner or operator of a CSAPR NOX Annual unit shall use any alternative monitoring system, alternative reference method, or any other alternative to any requirement of this subpart without having obtained prior written approval in accordance with §97.435.

(2) No owner or operator of a CSAPR NOX Annual unit shall operate the unit so as to discharge, or allow to be discharged, NOX to the atmosphere without accounting for all such NOX in accordance with the applicable provisions of this subpart and part 75 of this chapter.

(3) No owner or operator of a CSAPR NOX Annual unit shall disrupt the continuous emission monitoring system, any

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portion thereof, or any other approved emission monitoring method, and thereby avoid monitoring and recording NOX mass discharged into the atmosphere or heat input, except for periods of recertification or periods when calibration, quality assurance testing, or maintenance is performed in accordance with the applicable provisions of this subpart and part 75 of this chapter.

(4) No owner or operator of a CSAPR NOX Annual unit shall retire or permanently discontinue use of the continuous emission monitoring system, any component thereof, or any other approved monitoring system under this subpart, except under any one of the following circumstances:

(i) During the period that the unit is covered by an exemption under §97.405 that is in effect;

(ii) The owner or operator is monitoring emissions from the unit with another certified monitoring system approved, in accordance with the applicable provisions of this subpart and part 75 of this chapter, by the Administrator for use at that unit that provides emission data for the same pollutant or parameter as the retired or discontinued monitoring system; or

(iii) The designated representative submits notification of the date of certification testing of a replacement monitoring system for the retired or discontinued monitoring system in accordance with §97.431(d)(3)(i).

(e) LONG-TERM COLD STORAGE. The owner or operator of a CSAPR NOX Annual unit is subject to the applicable provisions of §75.4(d) of this chapter concerning units in long-term cold storage.

[76 FR 48379, Aug. 8, 2011, as amended at 79 FR 71672, Dec. 3, 2014; 81 FR 74607, Oct. 26, 2016]

**# 005 [40 CFR Part 97 NOx Budget Trading Program and CAIR NOx and SO2 Trading Programs §40 CFR 97.434]
Subpart AAAAA - CSAPR NOX Annual Trading Program
Recordkeeping and reporting.**

(a) GENERAL PROVISIONS. The designated representative shall comply with all recordkeeping and reporting requirements in paragraphs (b) through (e) of this section, the applicable recordkeeping and reporting requirements under §75.73 of this chapter, and the requirements of §97.414(a).

(b) MONITORING PLANS. The owner or operator of a CSAPR NOX Annual unit shall comply with the requirements of §75.73(c) and (e) of this chapter.

(c) CERTIFICATION APPLICATIONS. The designated representative shall submit an application to the Administrator within 45 days after completing all initial certification or recertification tests required under §97.431, including the information required under §75.63 of this chapter.

(d) QUARTERLY REPORTS. The designated representative shall submit quarterly reports, as follows:

(1) The designated representative shall report the NOX mass emissions data and heat input data for a CSAPR NOX Annual unit, in an electronic quarterly report in a format prescribed by the Administrator, for each calendar quarter beginning with the later of:

(i) The calendar quarter covering January 1, 2015 through March 31, 2015; or

(ii) The calendar quarter corresponding to the earlier of the date of provisional certification or the applicable deadline for initial certification under §97.430(b).

(2) The designated representative shall submit each quarterly report to the Administrator within 30 days after the end of the calendar quarter covered by the report. Quarterly reports shall be submitted in the manner specified in §75.73(f) of this chapter.

(3) For CSAPR NOX Annual units that are also subject to the Acid Rain Program, CSAPR NOX Ozone Season Group 1 Trading Program, CSAPR NOX Ozone Season Group 2 Trading Program, CSAPR NOX Ozone Season Group 3 Trading Program, CSAPR SO2 Group 1 Trading Program, or CSAPR SO2 Group 2 Trading Program, quarterly reports shall include the applicable data and information required by subparts F through H of part 75 of this chapter as applicable, in addition to the NOX mass emission data, heat input data, and other information required by this subpart.

(4) The Administrator may review and conduct independent audits of any quarterly report in order to determine whether the quarterly report meets the requirements of this subpart and part 75 of this chapter, including the requirement to use substitute data.

(i) The Administrator will notify the designated representative of any determination that the quarterly report fails to meet

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any such requirements and specify in such notification any corrections that the Administrator believes are necessary to make through resubmission of the quarterly report and a reasonable time period within which the designated representative must respond. Upon request by the designated representative, the Administrator may specify reasonable extensions of such time period. Within the time period (including any such extensions) specified by the Administrator, the designated representative shall resubmit the quarterly report with the corrections specified by the Administrator, except to the extent the designated representative provides information demonstrating that a specified correction is not necessary because the quarterly report already meets the requirements of this subpart and part 75 of this chapter that are relevant to the specified correction.

(ii) Any resubmission of a quarterly report shall meet the requirements applicable to the submission of a quarterly report under this subpart and part 75 of this chapter, except for the deadline set forth in paragraph (d)(2) of this section.

(e) COMPLIANCE CERTIFICATION. The designated representative shall submit to the Administrator a compliance certification (in a format prescribed by the Administrator) in support of each quarterly report based on reasonable inquiry of those persons with primary responsibility for ensuring that all of the unit's emissions are correctly and fully monitored. The certification shall state that:

(1) The monitoring data submitted were recorded in accordance with the applicable requirements of this subpart and part 75 of this chapter, including the quality assurance procedures and specifications; and

(2) For a unit with add-on NOX emission controls and for all hours where NOX data are substituted in accordance with §75.34(a)(1) of this chapter, the add-on emission controls were operating within the range of parameters listed in the quality assurance/quality control program under appendix B to part 75 of this chapter and the substitute data values do not systematically underestimate NOX emissions.

[76 FR 48379, Aug. 8, 2011, as amended at 79 FR 71672, Dec. 3, 2014; 81 FR 74607, Oct. 26, 2016, 86 FR 23185, Apr. 30, 2021]

006 [40 CFR Part 97 NOx Budget Trading Program and CAIR NOx and SO2 Trading Programs §40 CFR 97.604]

Subpart CCCCC - CSAPR SO2 Group 1 Trading Program

Applicability.

(a) Units 1A, 1B, 2A, 2B, 3A, 3B, 4A, 4B, 5A, and 5B are subject to the applicable requirements of 40 CFR Part 97 Subpart CCCCC - CSAPR SO2 Group 1 Trading Program. As determined by 97.610 and adjusted on an annual basis by EPA, Units 1A, 1B, 2A, 2B, 3A, 3B, 4A, 4B, 5A, and 5B are allocated zero allowances for the years 2020 through 2024:

(b) In accordance with 40 CFR § 97.621, EPA will announce in a notice of data availability and record the Units 1A, 1B, 2A, 2B, 3A, 3B, 4A, 4B, 5A, and 5B Annual SO2 Group 1 Compliance Account, the allowance allocations for control periods beyond the year 2020.

(c) The allowances in subsection (a) of this condition are subject to change. Any changes will be promulgated by US EPA in a notice of data availability. Upon promulgation, the new allowances replace the amounts in subsection (a) by rule.

007 [40 CFR Part 97 NOx Budget Trading Program and CAIR NOx and SO2 Trading Programs §40 CFR 97.606]

Subpart CCCCC - CSAPR SO2 Group 1 Trading Program

Standard requirements.

(a) DESIGNATED REPRESENTATIVE REQUIREMENTS. The owners and operators shall comply with the requirement to have a designated representative, and may have an alternate designated representative, in accordance with §§97.613 through 97.618.

(b) EMISSIONS MONITORING, REPORTING, AND RECORDKEEPING REQUIREMENTS.

(1) The owners and operators, and the designated representative, of each CSAPR SO2 Group 1 source and each CSAPR SO2 Group 1 unit at the source shall comply with the monitoring, reporting, and recordkeeping requirements of §§97.630 through 97.635.

(2) The emissions data determined in accordance with §§97.630 through 97.635 shall be used to calculate allocations of CSAPR SO2 Group 1 allowances under §§97.611(a)(2) and (b) and 97.612 and to determine compliance with the CSAPR SO2 Group 1 emissions limitation and assurance provisions under paragraph (c) of this section, provided that, for each monitoring location from which mass emissions are reported, the mass emissions amount used in calculating such allocations and determining such compliance shall be the mass emissions amount for the monitoring location determined in accordance with §§97.630 through 97.635 and rounded to the nearest ton, with any fraction of a ton less than 0.50 being deemed to be zero.

(c) SO2 EMISSIONS REQUIREMENTS.

**SECTION E. Source Group Restrictions.****(1) CSAPR SO2 GROUP 1 EMISSION LIMITATION.**

(i) As of the allowance transfer deadline for a control period in a given year, the owners and operators of each CSAPR SO2 Group 1 source and each CSAPR SO2 Group 1 unit at the source shall hold, in the source's compliance account, CSAPR SO2 Group 1 allowances available for deduction for such control period under §97.624(a) in an amount not less than the tons of total SO2 emissions for such control period from all CSAPR SO2 Group 1 units at the source.

(ii) If total SO2 emissions during a control period in a given year from the CSAPR SO2 Group 1 units at a CSAPR SO2 Group 1 source are in excess of the CSAPR SO2 Group 1 emissions limitation set forth in paragraph (c)(1)(i) of this section, then:

(A) The owners and operators of the source and each CSAPR SO2 Group 1 unit at the source shall hold the CSAPR SO2 Group 1 allowances required for deduction under §97.624(d); and

(B) The owners and operators of the source and each CSAPR SO2 Group 1 unit at the source shall pay any fine, penalty, or assessment or comply with any other remedy imposed, for the same violations, under the Clean Air Act, and each ton of such excess emissions and each day of such control period shall constitute a separate violation of this subpart and the Clean Air Act.

(2) CSAPR SO2 GROUP 1 ASSURANCE PROVISIONS.

(i) If total SO2 emissions during a control period in a given year from all CSAPR SO2 Group 1 units at CSAPR SO2 Group 1 sources in a State (and Indian country within the borders of such State) exceed the State assurance level, then the owners and operators of such sources and units in each group of one or more sources and units having a common designated representative for such control period, where the common designated representative's share of such SO2 emissions during such control period exceeds the common designated representative's assurance level for the State and such control period, shall hold (in the assurance account established for the owners and operators of such group) CSAPR SO2 Group 1 allowances available for deduction for such control period under §97.625(a) in an amount equal to two times the product (rounded to the nearest whole number), as determined by the Administrator in accordance with §97.625(b), of multiplying—

(A) The quotient of the amount by which the common designated representative's share of such SO2 emissions exceeds the common designated representative's assurance level divided by the sum of the amounts, determined for all common designated representatives for such sources and units in the State (and Indian country within the borders of such State) for such control period, by which each common designated representative's share of such SO2 emissions exceeds the respective common designated representative's assurance level; and

(B) The amount by which total SO2 emissions from all CSAPR SO2 Group 1 units at CSAPR SO2 Group 1 sources in the State (and Indian country within the borders of such State) for such control period exceed the State assurance level.

(ii) The owners and operators shall hold the CSAPR SO2 Group 1 allowances required under paragraph (c)(2)(i) of this section, as of midnight of November 1 (if it is a business day), or midnight of the first business day thereafter (if November 1 is not a business day), immediately after the year of such control period.

(iii) Total SO2 emissions from all CSAPR SO2 Group 1 units at CSAPR SO2 Group 1 sources in a State (and Indian country within the borders of such State) during a control period in a given year exceed the State assurance level if such total SO2 emissions exceed the sum, for such control period, of the State SO2 Group 1 trading budget under §97.610(a) and the State's variability limit under §97.610(b).

(iv) It shall not be a violation of this subpart or of the Clean Air Act if total SO2 emissions from all CSAPR SO2 Group 1 units at CSAPR SO2 Group 1 sources in a State (and Indian country within the borders of such State) during a control period exceed the State assurance level or if a common designated representative's share of total SO2 emissions from the CSAPR SO2 Group 1 units at CSAPR SO2 Group 1 sources in a State (and Indian country within the borders of such State) during a control period exceeds the common designated representative's assurance level.

(v) To the extent the owners and operators fail to hold CSAPR SO2 Group 1 allowances for a control period in a given year in accordance with paragraphs (c)(2)(i) through (iii) of this section,

(A) The owners and operators shall pay any fine, penalty, or assessment or comply with any other remedy imposed under the Clean Air Act; and

(B) Each CSAPR SO2 Group 1 allowance that the owners and operators fail to hold for such control period in accordance with paragraphs (c)(2)(i) through (iii) of this section and each day of such control period shall constitute a

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separate violation of this subpart and the Clean Air Act.

(3) COMPLIANCE PERIODS.

(i) A CSAPR SO₂ Group 1 unit shall be subject to the requirements under paragraph (c)(1) of this section for the control period starting on the later of January 1, 2015 or the deadline for meeting the unit's monitor certification requirements under §97.630(b) and for each control period thereafter.

(ii) A CSAPR SO₂ Group 1 unit shall be subject to the requirements under paragraph (c)(2) of this section for the control period starting on the later of January 1, 2017 or the deadline for meeting the unit's monitor certification requirements under §97.630(b) and for each control period thereafter.

(4) VINTAGE OF CSAPR SO₂ GROUP 1 ALLOWANCES HELD FOR COMPLIANCE.

(i) A CSAPR SO₂ Group 1 allowance held for compliance with the requirements under paragraph (c)(1)(i) of this section for a control period in a given year must be a CSAPR SO₂ Group 1 allowance that was allocated or auctioned for such control period or a control period in a prior year.

(ii) A CSAPR SO₂ Group 1 allowance held for compliance with the requirements under paragraphs (c)(1)(ii)(A) and (c)(2)(i) through (iii) of this section for a control period in a given year must be a CSAPR SO₂ Group 1 allowance that was allocated or auctioned for a control period in a prior year or the control period in the given year or in the immediately following year.

(5) ALLOWANCE MANAGEMENT SYSTEM REQUIREMENTS. Each CSAPR SO₂ Group 1 allowance shall be held in, deducted from, or transferred into, out of, or between Allowance Management System accounts in accordance with this subpart.

(6) LIMITED AUTHORIZATION. A CSAPR SO₂ Group 1 allowance is a limited authorization to emit one ton of SO₂ during the control period in one year. Such authorization is limited in its use and duration as follows:

(i) Such authorization shall only be used in accordance with the CSAPR SO₂ Group 1 Trading Program; and

(ii) Notwithstanding any other provision of this subpart, the Administrator has the authority to terminate or limit the use and duration of such authorization to the extent the Administrator determines is necessary or appropriate to implement any provision of the Clean Air Act.

(7) PROPERTY RIGHT. A CSAPR SO₂ Group 1 allowance does not constitute a property right.

(d) TITLE V PERMIT REQUIREMENTS.

(1) No title V permit revision shall be required for any allocation, holding, deduction, or transfer of CSAPR SO₂ Group 1 allowances in accordance with this subpart.

(2) A description of whether a unit is required to monitor and report SO₂ emissions using a continuous emission monitoring system (under subpart B of part 75 of this chapter), an excepted monitoring system (under appendices D and E to part 75 of this chapter), a low mass emissions excepted monitoring methodology (under §75.19 of this chapter), or an alternative monitoring system (under subpart E of part 75 of this chapter) in accordance with §§97.630 through 97.635 may be added to, or changed in, a title V permit using minor permit modification procedures in accordance with §§70.7(e)(2) and 71.7(e)(1) of this chapter, provided that the requirements applicable to the described monitoring and reporting (as added or changed, respectively) are already incorporated in such permit. This paragraph explicitly provides that the addition of, or change to, a unit's description as described in the prior sentence is eligible for minor permit modification procedures in accordance with §§70.7(e)(2)(i)(B) and 71.7(e)(1)(i)(B) of this chapter.

(e) ADDITIONAL RECORDKEEPING AND REPORTING REQUIREMENTS.

(1) Unless otherwise provided, the owners and operators of each CSAPR SO₂ Group 1 source and each CSAPR SO₂ Group 1 unit at the source shall keep on site at the source each of the following documents (in hardcopy or electronic format) for a period of 5 years from the date the document is created. This period may be extended for cause, at any time before the end of 5 years, in writing by the Administrator.

(i) The certificate of representation under §97.616 for the designated representative for the source and each CSAPR SO₂ Group 1 unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period

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until such certificate of representation and documents are superseded because of the submission of a new certificate of representation under §97.616 changing the designated representative.

(ii) All emissions monitoring information, in accordance with this subpart.

(iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under, or to demonstrate compliance with the requirements of, the CSAPR SO₂ Group 1 Trading Program.

(2) The designated representative of a CSAPR SO₂ Group 1 source and each CSAPR SO₂ Group 1 unit at the source shall make all submissions required under the CSAPR SO₂ Group 1 Trading Program, except as provided in §97.618. This requirement does not change, create an exemption from, or otherwise affect the responsible official submission requirements under a title V operating permit program in parts 70 and 71 of this chapter.

(f) LIABILITY.

(1) Any provision of the CSAPR SO₂ Group 1 Trading Program that applies to a CSAPR SO₂ Group 1 source or the designated representative of a CSAPR SO₂ Group 1 source shall also apply to the owners and operators of such source and of the CSAPR SO₂ Group 1 units at the source.

(2) Any provision of the CSAPR SO₂ Group 1 Trading Program that applies to a CSAPR SO₂ Group 1 unit or the designated representative of a CSAPR SO₂ Group 1 unit shall also apply to the owners and operators of such unit.

(g) EFFECT ON OTHER AUTHORITIES. No provision of the CSAPR SO₂ Group 1 Trading Program or exemption under §97.605 shall be construed as exempting or excluding the owners and operators, and the designated representative, of a CSAPR SO₂ Group 1 source or CSAPR SO₂ Group 1 unit from compliance with any other provision of the applicable, approved State implementation plan, a federally enforceable permit, or the Clean Air Act.

[76 FR 48432, Aug. 8, 2011, as amended at 77 FR 10338, Feb. 21, 2012; 79 FR 71672, Dec. 3, 2014; 81 FR 74616, Aug. 8, 2011; 86 FR 23191, Apr.30, 2021]

**# 008 [40 CFR Part 97 NO_x Budget Trading Program and CAIR NO_x and SO₂ Trading Programs §40 CFR 97.630]
Subpart CCCCC - CSAPR SO₂ Group 1 Trading Program
General monitoring, recordkeeping, and reporting requirements.**

The owners and operators, and to the extent applicable, the designated representative, of a CSAPR SO₂ Group 1 unit, shall comply with the monitoring, recordkeeping, and reporting requirements as provided in this subpart and subparts F and G of part 75 of this chapter. For purposes of applying such requirements, the definitions in §97.602 and in §72.2 of this chapter shall apply, the terms "affected unit," "designated representative," and "continuous emission monitoring system" (or "CEMS") in part 75 of this chapter shall be deemed to refer to the terms "CSAPR SO₂ Group 1 unit," "designated representative," and "continuous emission monitoring system" (or "CEMS") respectively as defined in §97.602, and the term "newly affected unit" shall be deemed to mean "newly affected CSAPR SO₂ Group 1 unit". The owner or operator of a unit that is not a CSAPR SO₂ Group 1 unit but that is monitored under §75.16(b)(2) of this chapter shall comply with the same monitoring, recordkeeping, and reporting requirements as a CSAPR SO₂ Group 1 unit.

(a) REQUIREMENTS FOR INSTALLATION, CERTIFICATION, AND DATA ACCOUNTING. The owner or operator of each CSAPR SO₂ Group 1 unit shall:

(1) Install all monitoring systems required under this subpart for monitoring SO₂ mass emissions and individual unit heat input (including all systems required to monitor SO₂ concentration, stack gas moisture content, stack gas flow rate, CO₂ or O₂ concentration, and fuel flow rate, as applicable, in accordance with §§75.11 and 75.16 of this chapter);

(2) Successfully complete all certification tests required under §97.631 and meet all other requirements of this subpart and part 75 of this chapter applicable to the monitoring systems under paragraph (a)(1) of this section; and

(3) Record, report, and quality-assure the data from the monitoring systems under paragraph (a)(1) of this section.

(b) COMPLIANCE DEADLINES. Except as provided in paragraph (e) of this section, the owner or operator of a CSAPR SO₂ Group 1 unit shall meet the monitoring system certification and other requirements of paragraphs (a)(1) and (2) of this section on or before the later of the following dates and shall record, report, and quality-assure the data from the monitoring systems under paragraph (a)(1) of this section on and after the later of the following dates:

(1) January 1, 2015; or

(2) 180 calendar days after the date on which the unit commences commercial operation.

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(3) The owner or operator of a CSAPR SO₂ Group 1 unit for which construction of a new stack or flue or installation of add-on SO₂ emission controls is completed after the applicable deadline under paragraph (b)(1) or (2) of this section shall meet the requirements of §75.4(e)(1) through (4) of this chapter, except that:

(i) Such requirements shall apply to the monitoring systems required under §97.630 through §97.635, rather than the monitoring systems required under part 75 of this chapter;

(ii) SO₂ concentration, stack gas moisture content, stack gas volumetric flow rate, and O₂ or CO₂ concentration data shall be determined and reported, rather than the data listed in §75.4(e)(2) of this chapter; and

(iii) Any petition for another procedure under §75.4(e)(2) of this chapter shall be submitted under §97.635, rather than §75.66 of this chapter.

(c) **REPORTING DATA.** The owner or operator of a CSAPR SO₂ Group 1 unit that does not meet the applicable compliance date set forth in paragraph (b) of this section for any monitoring system under paragraph (a)(1) of this section shall, for each such monitoring system, determine, record, and report maximum potential (or, as appropriate, minimum potential) values for SO₂ concentration, stack gas flow rate, stack gas moisture content, fuel flow rate, and any other parameters required to determine SO₂ mass emissions and heat input in accordance with §75.31(b)(2) or (c)(3) of this chapter or section 2.4 of appendix D to part 75 of this chapter, as applicable.

(d) **PROHIBITIONS.**

(1) No owner or operator of a CSAPR SO₂ Group 1 unit shall use any alternative monitoring system, alternative reference method, or any other alternative to any requirement of this subpart without having obtained prior written approval in accordance with §97.635.

(2) No owner or operator of a CSAPR SO₂ Group 1 unit shall operate the unit so as to discharge, or allow to be discharged, SO₂ to the atmosphere without accounting for all such SO₂ in accordance with the applicable provisions of this subpart and part 75 of this chapter.

(3) No owner or operator of a CSAPR SO₂ Group 1 unit shall disrupt the continuous emission monitoring system, any portion thereof, or any other approved emission monitoring method, and thereby avoid monitoring and recording SO₂ mass discharged into the atmosphere or heat input, except for periods of recertification or periods when calibration, quality assurance testing, or maintenance is performed in accordance with the applicable provisions of this subpart and part 75 of this chapter.

(4) No owner or operator of a CSAPR SO₂ Group 1 unit shall retire or permanently discontinue use of the continuous emission monitoring system, any component thereof, or any other approved monitoring system under this subpart, except under any one of the following circumstances:

(i) During the period that the unit is covered by an exemption under §97.605 that is in effect;

(ii) The owner or operator is monitoring emissions from the unit with another certified monitoring system approved, in accordance with the applicable provisions of this subpart and part 75 of this chapter, by the Administrator for use at that unit that provides emission data for the same pollutant or parameter as the retired or discontinued monitoring system; or

(iii) The designated representative submits notification of the date of certification testing of a replacement monitoring system for the retired or discontinued monitoring system in accordance with §97.631(d)(3)(i).

(e) **LONG-TERM COLD STORAGE.** The owner or operator of a CSAPR SO₂ Group 1 unit is subject to the applicable provisions of §75.4(d) of this chapter concerning units in long-term cold storage.

[76 FR 48379, Aug. 8, 2011, as amended at 79 FR 71672, Dec. 3, 2014; 81 FR 74617, Oct. 26, 2016]

009 [40 CFR Part 97 NOx Budget Trading Program and CAIR NOx and SO₂ Trading Programs §40 CFR 97.634] Subpart CCCCC - CSAPR SO₂ Group 1 Trading Program Recordkeeping and reporting.

(a) **GENERAL PROVISIONS.** The designated representative shall comply with all recordkeeping and reporting requirements in paragraphs (b) through (e) of this section, the applicable recordkeeping and reporting requirements in subparts F and G of part 75 of this chapter, and the requirements of §97.614(a).

(b) **MONITORING PLANS.** The owner or operator of a CSAPR SO₂ Group 1 unit shall comply with the requirements of §75.62 of this chapter.

**SECTION E. Source Group Restrictions.**

(c) CERTIFICATION APPLICATIONS. The designated representative shall submit an application to the Administrator within 45 days after completing all initial certification or recertification tests required under §97.631, including the information required under §75.63 of this chapter.

(d) QUARTERLY REPORTS. The designated representative shall submit quarterly reports, as follows:

(1) The designated representative shall report the SO₂ mass emissions data and heat input data for a CSAPR SO₂ Group 1 unit, in an electronic quarterly report in a format prescribed by the Administrator, for each calendar quarter beginning with the later of:

(i) The calendar quarter covering January 1, 2015 through March 31, 2015; or

(ii) The calendar quarter corresponding to the earlier of the date of provisional certification or the applicable deadline for initial certification under §97.630(b).

(2) The designated representative shall submit each quarterly report to the Administrator within 30 days after the end of the calendar quarter covered by the report. Quarterly reports shall be submitted in the manner specified in §75.64 of this chapter.

(3) For CSAPR SO₂ Group 1 units that are also subject to the Acid Rain Program, CSAPR NO_x Annual Trading Program, CSAPR NO_x Ozone Season Group 1 Trading Program, CSAPR NO_x Ozone Season Group 2 Trading Program, or CSAPR NO_x Ozone Season Group 3 Trading Program, quarterly reports shall include the applicable data and information required by subparts F through H of part 75 of this chapter as applicable, in addition to the SO₂ mass emission data, heat input data, and other information required by this subpart.

(4) The Administrator may review and conduct independent audits of any quarterly report in order to determine whether the quarterly report meets the requirements of this subpart and part 75 of this chapter, including the requirement to use substitute data.

(i) The Administrator will notify the designated representative of any determination that the quarterly report fails to meet any such requirements and specify in such notification any corrections that the Administrator believes are necessary to make through resubmission of the quarterly report and a reasonable time period within which the designated representative must respond. Upon request by the designated representative, the Administrator may specify reasonable extensions of such time period. Within the time period (including any such extensions) specified by the Administrator, the designated representative shall resubmit the quarterly report with the corrections specified by the Administrator, except to the extent the designated representative provides information demonstrating that a specified correction is not necessary because the quarterly report already meets the requirements of this subpart and part 75 of this chapter that are relevant to the specified correction.

(ii) Any resubmission of a quarterly report shall meet the requirements applicable to the submission of a quarterly report under this subpart and part 75 of this chapter, except for the deadline set forth in paragraph (d)(2) of this section.

(e) COMPLIANCE CERTIFICATION. The designated representative shall submit to the Administrator a compliance certification (in a format prescribed by the Administrator) in support of each quarterly report based on reasonable inquiry of those persons with primary responsibility for ensuring that all of the unit's emissions are correctly and fully monitored. The certification shall state that:

(1) The monitoring data submitted were recorded in accordance with the applicable requirements of this subpart and part 75 of this chapter, including the quality assurance procedures and specifications; and

(2) For a unit with add-on SO₂ emission controls and for all hours where SO₂ data are substituted in accordance with §75.34(a)(1) of this chapter, the add-on emission controls were operating within the range of parameters listed in the quality assurance/quality control program under appendix B to part 75 of this chapter and the substitute data values do not systematically underestimate SO₂ emissions.

[76 FR 48379, Aug. 8, 2011, as amended at 79 FR 71672, Dec. 3, 2014; 81 FR 74618, Oct. 26, 2016; 86 FR 23195, Apr. 30, 2021]

010 [40 CFR Part 97 NO_x Budget Trading Program and CAIR NO_x and SO₂ Trading Programs §40 CFR §97.1004] Subpart GGGGG - CSAPR NO_x Ozone Season Group 3 Trading Program Applicability.

(a) Units 1A, 1B, 2A, 2B, 3A, 3B, 4A, 4B, 5A, and 5B are subject to the applicable requirements of 40 CFR Part 97, Subpart GGGGG - CSAPR NO_x Ozone Season Group 3 Trading Program. As determined by 97.1010 and adjusted on an annual basis by EPA, Unit 1A, 1B, 2A, 2B, 3B, 5A, and 5B are allocated 4 tons; Unit 3A 3 tons; and 4A and 4B 6 tons for each CSAPR NO_x Ozone Season (May 1 through September 30) allowances for the years 2021 through 2024.

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(b) In accordance with 40 CFR § 97.1021, EPA will announce in a notice of data availability and record in the Units 1A, 1B, 2A, 2B, 3A, 3B, 4A, 4B, 5A, and 5B Annual NOx Ozone Season Group 3 Compliance Account, the allowance allocations for control periods beyond the year 2024.

(c) The allowances in subsection (a) of this condition are subject to change. Any changes will be promulgated by US EPA in a notice of data availability. Upon promulgation, the new allowances replace the amounts in subsection (a) by rule.

[Effective June 29, 2021, § 97 Subpart GGGGG replaced § 97 Subpart EEEEE for Pennsylvania.]

011 [40 CFR Part 97 NOx Budget Trading Program and CAIR NOx and SO2 Trading Programs §40 CFR §97.1006] Subpart GGGGG - CSAPR NOx Ozone Season Group 3 Trading Program Standard requirements.

(a) Designated representative requirements. The owners and operators shall comply with the requirement to have a designated representative, and may have an alternate designated representative, in accordance with §§ 97.1013 through 97.1018.

(b) Emissions monitoring, reporting, and recordkeeping requirements.

(1) The owners and operators, and the designated representative, of each CSAPR NOx Ozone Season Group 3 source and each CSAPR NOx Ozone Season Group 3 unit at the source shall comply with the monitoring, reporting, and recordkeeping requirements of §§ 97.1030 through 97.1035.

(2) The emissions and heat input data determined in accordance with §§ 97.1030 through 97.1035 shall be used to calculate allocations of CSAPR NOx Ozone Season Group 3 allowances under §§ 97.1011 and 97.1012 and to determine compliance with the CSAPR NOx Ozone Season Group 3 primary and secondary emissions limitations and assurance provisions under paragraph (c) of this section, provided that, for each monitoring location from which mass emissions are reported, the mass emissions amount used in calculating such allocations and determining such compliance shall be the mass emissions amount for the monitoring location determined in accordance with §§ 97.1030 through 97.1035 and rounded to the nearest ton, with any fraction of a ton less than 0.50 being deemed to be zero.

(c) NOx emissions requirements —

(1) CSAPR NOx Ozone Season Group 3 primary and secondary emissions limitations —

(i) Primary emissions limitation. As of the allowance transfer deadline for a control period in a given year, the owners and operators of each CSAPR NOx Ozone Season Group 3 source and each CSAPR NOx Ozone Season Group 3 unit at the source shall hold, in the source's compliance account, CSAPR NOx Ozone Season Group 3 allowances available for deduction for such control period under § 97.1024(a) in an amount not less than the amount determined under § 97.1024(b), comprising the sum of—

(A) The tons of total NOx emissions for such control period from all CSAPR NOx Ozone Season Group 3 units at the source; plus

(B) Two times the excess, if any, over 50 tons of the sum, for all CSAPR NOx Ozone Season Group 3 units at the source and all calendar days of the control period, of any NOx emissions from such a unit on any calendar day of the control period exceeding the NOx emissions that would have occurred on that calendar day if the unit had combusted the same daily heat input and emitted at any backstop daily NOx emissions rate applicable to the unit for that control period.

(ii) Exceedances of primary emissions limitation. If total NOx emissions during a control period in a given year from the CSAPR NOx Ozone Season Group 3 units at a CSAPR NOx Ozone Season Group 3 source are in excess of the CSAPR NOx Ozone Season Group 3 primary emissions limitation set forth in paragraph (c)(1)(i) of this section, then:

(A) The owners and operators of the source and each CSAPR NOx Ozone Season Group 3 unit at the source shall hold the CSAPR NOx Ozone Season Group 3 allowances required for deduction under § 97.1024(d); and

(B) The owners and operators of the source and each CSAPR NOx Ozone Season Group 3 unit at the source shall pay any fine, penalty, or assessment or comply with any other remedy imposed, for the same violations, under the Clean Air Act, and each ton of such excess emissions and each day of such control period shall constitute a separate violation of this subpart and the Clean Air Act.

(iii) Secondary emissions limitation. The owner or operator of a CSAPR NOx Ozone Season Group 3 unit subject to an emissions limitation under § 97.1025(c)(1) shall not discharge, or allow to be discharged, emissions of NOx to the atmosphere during a control period in excess of the tonnage amount calculated in accordance with § 97.1025(c)(2).

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(iv) Exceedances of secondary emissions limitation. If total NOX emissions during a control period in a given year from a CSAPR NOX Ozone Season Group 3 unit are in excess of the amount of a CSAPR NOX Ozone Season Group 3 secondary emissions limitation applicable to the unit for the control period under paragraph (c)(1)(iii) of this section, then the owners and operators of the unit and the source at which the unit is located shall pay any fine, penalty, or assessment or comply with any other remedy imposed, for the same violations, under the Clean Air Act, and each ton of such excess emissions and each day of such control period shall constitute a separate violation of this subpart and the Clean Air Act.

(2) CSAPR NOX Ozone Season Group 3 assurance provisions.

(i) If total NOX emissions during a control period in a given year from all CSAPR NOX Ozone Season Group 3 units at CSAPR NOX Ozone Season Group 3 sources in a State (and Indian country within the borders of such State) exceed the State assurance level, then the owners and operators of such sources and units in each group of one or more sources and units having a common designated representative for such control period, where the common designated representative's share of such NOX emissions during such control period exceeds the common designated representative's assurance level for the State and such control period, shall hold (in the assurance account established for the owners and operators of such group) CSAPR NOX Ozone Season Group 3 allowances available for deduction for such control period under § 97.1025(a) in an amount equal to two times the product (rounded to the nearest whole number), as determined by the Administrator in accordance with § 97.1025(b), of multiplying—

(A) The quotient of the amount by which the common designated representative's share of such NOX emissions exceeds the common designated representative's assurance level divided by the sum of the amounts, determined for all common designated representatives for such sources and units in the State (and Indian country within the borders of such State) for such control period, by which each common designated representative's share of such NOX emissions exceeds the respective common designated representative's assurance level; and

(B) The amount by which total NOX emissions from all CSAPR NOX Ozone Season Group 3 units at CSAPR NOX Ozone Season Group 3 sources in the State (and Indian country within the borders of such State) for such control period exceed the State assurance level.

(ii) The owners and operators shall hold the CSAPR NOX Ozone Season Group 3 allowances required under paragraph (c)(2)(i) of this section, as of midnight of November 1 (if it is a business day), or midnight of the first business day thereafter (if November 1 is not a business day), immediately after the year of such control period.

(iii) Total NOX emissions from all CSAPR NOX Ozone Season Group 3 units at CSAPR NOX Ozone Season Group 3 sources in a State (and Indian country within the borders of such State) during a control period in a given year exceed the State assurance level if such total NOX emissions exceed the sum, for such control period, of the State NOX Ozone Season Group 3 trading budget under § 97.1010(a) and the State's variability limit under § 97.1010(e).

(iv) It shall not be a violation of this subpart or of the Clean Air Act if total NOX emissions from all CSAPR NOX Ozone Season Group 3 units at CSAPR NOX Ozone Season Group 3 sources in a State (and Indian country within the borders of such State) during a control period exceed the State assurance level or if a common designated representative's share of total NOX emissions from the CSAPR NOX Ozone Season Group 3 units at CSAPR NOX Ozone Season Group 3 sources in a State (and Indian country within the borders of such State) during a control period exceeds the common designated representative's assurance level.

(v) To the extent the owners and operators fail to hold CSAPR NOX Ozone Season Group 3 allowances for a control period in a given year in accordance with paragraphs (c)(2)(i) through (iii) of this section:

(A) The owners and operators shall pay any fine, penalty, or assessment or comply with any other remedy imposed under the Clean Air Act; and

(B) Each CSAPR NOX Ozone Season Group 3 allowance that the owners and operators fail to hold for such control period in accordance with paragraphs (c)(2)(i) through (iii) of this section and each day of such control period shall constitute a separate violation of this subpart and the Clean Air Act.

(3) Compliance periods.

(i) A CSAPR NOX Ozone Season Group 3 unit shall be subject to the requirements under paragraphs (c)(1)(i) and (ii) and (c)(2) of this section for the control period starting on the later of the applicable date in paragraph (c)(3)(i)(A), (B), or (C) of this section or the deadline for meeting the unit's monitor certification requirements under § 97.1030(b) and for each control period thereafter:

(A) May 1, 2021, for a unit in a State (and Indian country within the borders of such State) listed in § 52.38(b)(2)(iii)(A)

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of this chapter;

(B) May 1, 2023, for a unit in a State (and Indian country within the borders of such State) listed in § 52.38(b)(2)(iii)(B) of this chapter; or

(C) August 4, 2023, for a unit in a State (and Indian country within the borders of such State) listed in § 52.38(b)(2)(iii)(C) of this chapter.

(ii) A CSAPR NOX Ozone Season Group 3 unit shall be subject to the requirements under paragraphs (c)(1)(iii) and (iv) of this section for the control period starting on the later of May 1, 2024, or the deadline for meeting the unit's monitor certification requirements under § 97.1030(b) and for each control period thereafter.

(4) Vintage of CSAPR NOX Ozone Season Group 3 allowances held for compliance.

(i) A CSAPR NOX Ozone Season Group 3 allowance held for compliance with the requirements under paragraph (c)(1)(i) of this section for a control period in a given year must be a CSAPR NOX Ozone Season Group 3 allowance that was allocated or auctioned for such control period or a control period in a prior year.

(ii) A CSAPR NOX Ozone Season Group 3 allowance held for compliance with the requirements under paragraphs (c)(1)(ii)(A) and (c)(2)(i) through (iii) of this section for a control period in a given year must be a CSAPR NOX Ozone Season Group 3 allowance that was allocated or auctioned for a control period in a prior year or the control period in the given year or in the immediately following year.

(5) Allowance Management System requirements. Each CSAPR NOX Ozone Season Group 3 allowance shall be held in, deducted from, or transferred into, out of, or between Allowance Management System accounts in accordance with this subpart.

(6) Limited authorization. A CSAPR NOX Ozone Season Group 3 allowance is a limited authorization to emit one ton or less of NOX during the control period in one year. Such authorization is limited in its use and duration as follows:

(i) Such authorization shall only be used in accordance with the CSAPR NOX Ozone Season Group 3 Trading Program; and

(ii) Notwithstanding any other provision of this subpart, the Administrator has the authority to terminate or limit the use and duration of such authorization to the extent the Administrator determines is necessary or appropriate to implement any provision of the Clean Air Act.

(7) Property right. A CSAPR NOX Ozone Season Group 3 allowance does not constitute a property right.

(d) Title V permit requirements.

(1) No title V permit revision shall be required for any allocation, holding, deduction, or transfer of CSAPR NOX Ozone Season Group 3 allowances in accordance with this subpart.

(2) A description of whether a unit is required to monitor and report NOX emissions using a continuous emission monitoring system (under subpart H of part 75 of this chapter), an excepted monitoring system (under appendices D and E to part 75 of this chapter), a low mass emissions excepted monitoring methodology (under § 75.19 of this chapter), or an alternative monitoring system (under subpart E of part 75 of this chapter) in accordance with §§ 97.1030 through 97.1035 may be added to, or changed in, a title V permit using minor permit modification procedures in accordance with §§ 70.7(e)(2) and 71.7(e)(1) of this chapter, provided that the requirements applicable to the described monitoring and reporting (as added or changed, respectively) are already incorporated in such permit. This paragraph explicitly provides that the addition of, or change to, a unit's description as described in the prior sentence is eligible for minor permit modification procedures in accordance with §§ 70.7(e)(2)(i)(B) and 71.7(e)(1)(i)(B) of this chapter.

(e) Additional recordkeeping and reporting requirements.

(1) Unless otherwise provided, the owners and operators of each CSAPR NOX Ozone Season Group 3 source and each CSAPR NOX Ozone Season Group 3 unit at the source shall keep on site at the source each of the following documents (in hardcopy or electronic format) for a period of 5 years from the date the document is created. This period may be extended for cause, at any time before the end of 5 years, in writing by the Administrator.

(i) The certificate of representation under § 97.1016 for the designated representative for the source and each CSAPR NOX Ozone Season Group 3 unit at the source and all documents that demonstrate the truth of the statements in the

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certificate of representation; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such certificate of representation and documents are superseded because of the submission of a new certificate of representation under § 97.1016 changing the designated representative.

(ii) All emissions monitoring information, in accordance with this subpart.

(iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under, or to demonstrate compliance with the requirements of, the CSAPR NOX Ozone Season Group 3 Trading Program.

(2) The designated representative of a CSAPR NOX Ozone Season Group 3 source and each CSAPR NOX Ozone Season Group 3 unit at the source shall make all submissions required under the CSAPR NOX Ozone Season Group 3 Trading Program, except as provided in § 97.1018. This requirement does not change, create an exemption from, or otherwise affect the responsible official submission requirements under a title V operating permit program in parts 70 and 71 of this chapter.

(f) Liability.

(1) Any provision of the CSAPR NOX Ozone Season Group 3 Trading Program that applies to a CSAPR NOX Ozone Season Group 3 source or the designated representative of a CSAPR NOX Ozone Season Group 3 source shall also apply to the owners and operators of such source and of the CSAPR NOX Ozone Season Group 3 units at the source.

(2) Any provision of the CSAPR NOX Ozone Season Group 3 Trading Program that applies to a CSAPR NOX Ozone Season Group 3 unit or the designated representative of a CSAPR NOX Ozone Season Group 3 unit shall also apply to the owners and operators of such unit.

(g) Effect on other authorities. No provision of the CSAPR NOX Ozone Season Group 3 Trading Program or exemption under § 97.1005 shall be construed as exempting or excluding the owners and operators, and the designated representative, of a CSAPR NOX Ozone Season Group 3 source or CSAPR NOX Ozone Season Group 3 unit from compliance with any other provision of the applicable, approved State implementation plan, a federally enforceable permit, or the Clean Air Act.

[86 FR 23208, Apr. 30, 2021, as amended at 88 FR 36905, June 5, 2023]

**# 012 [40 CFR Part 97 NOx Budget Trading Program and CAIR NOx and SO2 Trading Programs §40 CFR §97.1030]
Subpart GGGGG - CSAPR NOX Ozone Season Group 3 Trading Program
General monitoring, recordkeeping, and reporting requirements.**

The owners and operators, and to the extent applicable, the designated representative, of a CSAPR NOX Ozone Season Group 3 unit, shall comply with the monitoring, recordkeeping, and reporting requirements as provided in this subpart and subpart H of part 75 of this chapter. For purposes of applying such requirements, the definitions in § 97.1002 and in § 72.2 of this chapter shall apply, the terms "affected unit," "designated representative," and "continuous emission monitoring system" (or "CEMS") in part 75 of this chapter shall be deemed to refer to the terms "CSAPR NOX Ozone Season Group 3 unit," "designated representative," and "continuous emission monitoring system" (or "CEMS") respectively as defined in § 97.1002, and the term "newly affected unit" shall be deemed to mean "newly affected CSAPR NOX Ozone Season Group 3 unit". The owner or operator of a unit that is not a CSAPR NOX Ozone Season Group 3 unit but that is monitored under § 75.72(b)(2)(ii) of this chapter shall comply with the same monitoring, recordkeeping, and reporting requirements as a CSAPR NOX Ozone Season Group 3 unit.

(a) Requirements for installation, certification, and data accounting. The owner or operator of each CSAPR NOX Ozone Season Group 3 unit shall:

(1) Install all monitoring systems required under this subpart for monitoring NOX mass emissions and individual unit heat input (including all systems required to monitor NOX emission rate, NOX concentration, stack gas moisture content, stack gas flow rate, CO2 or O2 concentration, and fuel flow rate, as applicable, in accordance with §§ 75.71 and 75.72 of this chapter);

(2) Successfully complete all certification tests required under § 97.1031 and meet all other requirements of this subpart and part 75 of this chapter applicable to the monitoring systems under paragraph (a)(1) of this section; and

(3) Record, report, and quality-assure the data from the monitoring systems under paragraph (a)(1) of this section.

(b) Compliance deadlines. Except as provided in paragraph (e) of this section, the owner or operator of a CSAPR NOX Ozone Season Group 3 unit shall meet the monitoring system certification and other requirements of paragraphs (a)(1) and (2) of this section on or before the latest of the following dates and shall record, report, and quality-assure the data from the monitoring systems under paragraph (a)(1) of this section on and after the latest of the following dates:

(1)

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- (i) May 1, 2021, for a unit in a State (and Indian country within the borders of such State) listed in § 52.38(b)(2)(iii)(A) of this chapter;
- (ii) May 1, 2023, for a unit in a State (and Indian country within the borders of such State) listed in § 52.38(b)(2)(iii)(B) of this chapter;
- (iii) August 4, 2023, for a unit in a State (and Indian country within the borders of such State) listed in § 52.38(b)(2)(iii)(C) of this chapter, where the unit is required to report NOX mass emissions data or NOX emissions rate data according to 40 CFR part 75 to address other regulatory requirements; or
- (iv) January 31, 2024, for a unit in a State (and Indian country within the borders of such State) listed in § 52.38(b)(2)(iii)(C) of this chapter, where the unit is not required to report NOX mass emissions data or NOX emissions rate data according to 40 CFR part 75 to address other regulatory requirements.
- (2) 180 calendar days after the date on which the unit commences commercial operation; or
- (3) Where data for the unit are reported on a control period basis under § 97.1034(d)(1)(ii)(B), and where the compliance date under paragraph (b)(1) or (2) of this section is not in a month from May through September, May 1 immediately after the compliance date under paragraph (b)(1) or (2) of this section.
- (4) The owner or operator of a CSAPR NOX Ozone Season Group 3 unit for which construction of a new stack or flue or installation of add-on NOX emission controls is completed after the applicable deadline under paragraph (b)(1), (2), or (3) of this section shall meet the requirements of § 75.4(e)(1) through (4) of this chapter, except that:
- (i) Such requirements shall apply to the monitoring systems required under § 97.1030 through § 97.1035, rather than the monitoring systems required under part 75 of this chapter;
- (ii) NOX emission rate, NOX concentration, stack gas moisture content, stack gas volumetric flow rate, and O₂ or CO₂ concentration data shall be determined and reported, rather than the data listed in § 75.4(e)(2) of this chapter; and
- (iii) Any petition for another procedure under § 75.4(e)(2) of this chapter shall be submitted under § 97.1035, rather than § 75.66 of this chapter.
- (c) Reporting data. The owner or operator of a CSAPR NOX Ozone Season Group 3 unit that does not meet the applicable compliance date set forth in paragraph (b) of this section for any monitoring system under paragraph (a)(1) of this section shall, for each such monitoring system, determine, record, and report maximum potential (or, as appropriate, minimum potential) values for NOX concentration, NOX emission rate, stack gas flow rate, stack gas moisture content, fuel flow rate, and any other parameters required to determine NOX mass emissions and heat input in accordance with § 75.31(b)(2) or (c)(3) of this chapter, section 2.4 of appendix D to part 75 of this chapter, or section 2.5 of appendix E to part 75 of this chapter, as applicable.
- (d) Prohibitions.
- (1) No owner or operator of a CSAPR NOX Ozone Season Group 3 unit shall use any alternative monitoring system, alternative reference method, or any other alternative to any requirement of this subpart without having obtained prior written approval in accordance with § 97.1035.
- (2) No owner or operator of a CSAPR NOX Ozone Season Group 3 unit shall operate the unit so as to discharge, or allow to be discharged, NOX to the atmosphere without accounting for all such NOX in accordance with the applicable provisions of this subpart and part 75 of this chapter.
- (3) No owner or operator of a CSAPR NOX Ozone Season Group 3 unit shall disrupt the continuous emission monitoring system, any portion thereof, or any other approved emission monitoring method, and thereby avoid monitoring and recording NOX mass discharged into the atmosphere or heat input, except for periods of recertification or periods when calibration, quality assurance testing, or maintenance is performed in accordance with the applicable provisions of this subpart and part 75 of this chapter.
- (4) No owner or operator of a CSAPR NOX Ozone Season Group 3 unit shall retire or permanently discontinue use of the continuous emission monitoring system, any component thereof, or any other approved monitoring system under this subpart, except under any one of the following circumstances:
- (i) During the period that the unit is covered by an exemption under § 97.1005 that is in effect;

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(ii) The owner or operator is monitoring emissions from the unit with another certified monitoring system approved, in accordance with the applicable provisions of this subpart and part 75 of this chapter, by the Administrator for use at that unit that provides emission data for the same pollutant or parameter as the retired or discontinued monitoring system; or

(iii) The designated representative submits notification of the date of certification testing of a replacement monitoring system for the retired or discontinued monitoring system in accordance with § 97.1031(d)(3)(i).

(e) Long-term cold storage. The owner or operator of a CSAPR NO_x Ozone Season Group 3 unit is subject to the applicable provisions of § 75.4(d) of this chapter concerning units in long-term cold storage.

[86 FR 23208, Apr. 30, 2021, as amended at 88 FR 36917, June 5, 2023]

013 [40 CFR Part 97 NO_x Budget Trading Program and CAIR NO_x and SO₂ Trading Programs §40 CFR §97.1034] Subpart GGGGG - CSAPR NO_x Ozone Season Group 3 Trading Program Recordkeeping and reporting.

(a) General provisions. The designated representative shall comply with all recordkeeping and reporting requirements in paragraphs (b) through (e) of this section, the applicable recordkeeping and reporting requirements under § 75.73 of this chapter, and the requirements of § 97.1014(a).

(b) Monitoring plans. The owner or operator of a CSAPR NO_x Ozone Season Group 3 unit shall comply with the requirements of § 75.73(c) and (e) of this chapter.

(c) Certification applications. The designated representative shall submit an application to the Administrator within 45 days after completing all initial certification or recertification tests required under § 97.1031, including the information required under § 75.63 of this chapter.

(d) Quarterly reports. The designated representative shall submit quarterly reports, as follows:

(1)

(i) If a CSAPR NO_x Ozone Season Group 3 unit is subject to the Acid Rain Program or the CSAPR NO_x Annual Trading Program or if the owner or operator of such unit chooses to report on an annual basis under this subpart, then the designated representative shall meet the requirements of subpart H of part 75 of this chapter (concerning monitoring of NO_x mass emissions) for such unit for the entire year and report the NO_x mass emissions data and heat input data for such unit for the entire year.

(ii) If a CSAPR NO_x Ozone Season Group 3 unit is not subject to the Acid Rain Program or the CSAPR NO_x Annual Trading Program, then the designated representative shall either:

(A) Meet the requirements of subpart H of part 75 of this chapter for such unit for the entire year and report the NO_x mass emissions data and heat input data for such unit for the entire year in accordance with paragraph (d)(1)(i) of this section; or

(B) Meet the requirements of subpart H of part 75 of this chapter (including the requirements in § 75.74(c) of this chapter) for such unit for the control period and report the NO_x mass emissions data and heat input data (including the data described in § 75.74(c)(6) of this chapter) for such unit only for the control period of each year.

(2) The designated representative shall report the NO_x mass emissions data and heat input data for a CSAPR NO_x Ozone Season Group 3 unit, in an electronic quarterly report in a format prescribed by the Administrator, for each calendar quarter indicated under paragraph (d)(1) of this section beginning by the latest of:

(i)

(A) The calendar quarter covering May 1, 2021, through June 30, 2021, for a unit in a State (and Indian country within the borders of such State) listed in § 52.38(b)(2)(iii)(A) of this chapter;

(B) The calendar quarter covering May 1, 2023, through June 30, 2023, for a unit in a State (and Indian country within the borders of such State) listed in § 52.38(b)(2)(iii)(B) of this chapter; or

(C) The calendar quarter covering August 4, 2023, through September 30, 2023, for a unit in a State (and Indian country within the borders of such State) listed in § 52.38(b)(2)(iii)(C) of this chapter;

(ii) The calendar quarter corresponding to the earlier of the date of provisional certification or the applicable deadline for

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initial certification under § 97.1030(b); or

(iii) For a unit that reports on a control period basis under paragraph (d)(1)(ii)(B) of this section, if the calendar quarter under paragraph (d)(2)(ii) of this section does not include a month from May through September, the calendar quarter covering May 1 through June 30 immediately after the calendar quarter under paragraph (d)(2)(ii) of this section.

(3) The designated representative shall submit each quarterly report to the Administrator within 30 days after the end of the calendar quarter covered by the report, except that quarterly reports required for the calendar quarter covering May 1, 2023, through June 30, 2023, shall be submitted by August 4, 2023. Quarterly reports shall be submitted in the manner specified in § 75.73(f) of this chapter.

(4) For CSAPR NOX Ozone Season Group 3 units that are also subject to the Acid Rain Program, CSAPR NOX Annual Trading Program, CSAPR SO₂ Group 1 Trading Program, or CSAPR SO₂ Group 2 Trading Program, quarterly reports shall include the applicable data and information required by subparts F through H of part 75 of this chapter as applicable, in addition to the NOX mass emission data, heat input data, and other information required by this subpart. Notwithstanding the provisions of §§ 75.64(a), 75.73(f)(1), 97.434(d)(2), 97.634(d)(2), and 97.734(d)(2), the deadline for the designated representative of such a unit to submit the quarterly reports required under such additional programs for the calendar quarter covering May 1, 2023, through June 30, 2023, shall be August 4, 2023.

(5) The Administrator may review and conduct independent audits of any quarterly report in order to determine whether the quarterly report meets the requirements of this subpart and part 75 of this chapter, including the requirement to use substitute data.

(i) The Administrator will notify the designated representative of any determination that the quarterly report fails to meet any such requirements and specify in such notification any corrections that the Administrator believes are necessary to make through resubmission of the quarterly report and a reasonable time period within which the designated representative must respond. Upon request by the designated representative, the Administrator may specify reasonable extensions of such time period. Within the time period (including any such extensions) specified by the Administrator, the designated representative shall resubmit the quarterly report with the corrections specified by the Administrator, except to the extent the designated representative provides information demonstrating that a specified correction is not necessary because the quarterly report already meets the requirements of this subpart and part 75 of this chapter that are relevant to the specified correction.

(ii) Any resubmission of a quarterly report shall meet the requirements applicable to the submission of a quarterly report under this subpart and part 75 of this chapter, except for the deadline set forth in paragraph (d)(3) of this section.

(e) Compliance certification. The designated representative shall submit to the Administrator a compliance certification (in a format prescribed by the Administrator) in support of each quarterly report based on reasonable inquiry of those persons with primary responsibility for ensuring that all of the unit's emissions are correctly and fully monitored. The certification shall state that:

(1) The monitoring data submitted were recorded in accordance with the applicable requirements of this subpart and part 75 of this chapter, including the quality assurance procedures and specifications;

(2) For a unit with add-on NOX emission controls and for all hours where NOX data are substituted in accordance with § 75.34(a)(1) of this chapter, the add-on emission controls were operating within the range of parameters listed in the quality assurance/quality control program under appendix B to part 75 of this chapter and the substitute data values do not systematically underestimate NOX emissions; and

(3) For a unit that is reporting on a control period basis under paragraph (d)(1)(ii)(B) of this section, the NOX emission rate and NOX concentration values substituted for missing data under subpart D of part 75 of this chapter are calculated using only values from a control period and do not systematically underestimate NOX emissions.

[86 FR 23208, Apr. 30, 2021, as amended at 88 FR 36918, June 5, 2023; 88 FR 49308, July 31, 2023]

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

**SECTION E. Source Group Restrictions.**

Group Name: GROUP 3: BEST AVAILABLE TECHNOLOGY

Group Description: This source group consists of requirements related to the showing compliance with Best Available

Sources included in this group:

ID	Name
1A	COMBUSTION TURBINE UNIT 1A (529 MMBTU/HR)
1B	COMBUSTION TURBINE UNIT 1B (529 MMBTU/HR)
2A	COMBUSTION TURBINE UNIT 2A (529 MMBTU/HR)
2B	COMBUSTION TURBINE UNIT 2B (529 MMBTU/HR)
3A	COMBUSTION TURBINE UNIT 3A (529 MMBTU/HR)
3B	COMBUSTION TURBINE UNIT 3B (529 MMBTU/HR)
4A	COMBUSTION TURBINE UNIT 4A (529 MMBTU/HR)
4B	COMBUSTION TURBINE UNIT 4B (529 MMBTU/HR)
5A	COMBUSTION TURBINE UNIT 5A (529 MMBTU/HR)
5B	COMBUSTION TURBINE UNIT 5B (529 MMBTU/HR)

I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.**# 001 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

a) Within 60 days after achieving the maximum production rate at which the facility will be operated, but not later than 180 days after initial startup of the facility, each CT shall be stack tested for NO_x (oxides of nitrogen), and CO (carbon monoxide) emissions. Stack testing shall be performed in accordance with methods defined in Section 60.335 of the NSPS, Subpart GG, for NO_x, and in accordance with 25 Pa Code, Chapter 139 for CO and NO_x. In the third year of operation, at least half of the CT's shall be re-tested for NO_x emissions. During the fifth year of operation, the remaining CT's shall be re-tested for NO_x emissions. This series of testing will satisfy the CO and NO_x testing requirements for the first term of the Title V Permit. During the second and all subsequent terms of the Title V Permit, all CT's shall be tested for CO and NO_x emissions prior to permit renewal.

[From Plan Approval Number PA61198A, Condition #17]

b) The oxidation catalyst material shall be sampled and analyzed for catalyst activity, surface area, and contamination. Sampling shall occur at least annually. Sampling reports shall be provided to the Department.

[From Plan Approval Number PA-61-0198A, Condition #21.]

III. MONITORING REQUIREMENTS.**# 002 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

[Plan Approval 61-198B]

1) Total emissions of NO_x are restricted on a rolling 365-day basis in order to ensure that the facility operates as a synthetic minor source, thus avoiding applicability to New Source Review requirements for major sources. In order to ensure that emissions will be less than the 100 ton/year New Source Review applicability threshold, the following provisions will apply:

a) Total actual emissions of NO_x from the facility, based on Part 75 Appendix D fuel flow monitoring and the continuous monitoring system required under 40 CFR §60.334, shall be maintained at no more than 90 tons/year unless notification is provided to the Department and additional stack monitoring is performed.

b) At a minimum, the composite Facility NO_x emission rate shall be confirmed by testing on a quarterly basis, provided that the turbine is operated during that quarter, each turbine stack using a Department approved portable NO_x emission analyzer or results from LME (40 CFR 75.19) stack testing. For the purposes of this monitoring requirement, the composite Facility NO_x emission rate shall be defined as the sum of the steady-state NO_x emission rates measured from the operating turbines (at full load), divided by the number of operating turbines. Should the composite Facility NO_x emission rate calculated using the data from at least nine (9) measurements obtained from each turbine during three testing periods, exceed 0.090 lbs

**SECTION E. Source Group Restrictions.**

NOx/MCF, further operations during subsequent weeks shall be limited so that the annual fuel consumption shall not exceed 1,684 MMSCF/yr (equivalent to less than or equal to 90 tpy using the emission rate of 0.1064 lbs NOx/MCF). Should the composite Facility NOx emission be determined to be equal to or less than 0.090 lbs NOx/MCF, the annual fuel cap of 2,243 MMscf (less than or equal to 95 tons/yr), shall be used to restrict operations.

c) The company shall submit specifications to the Department for the portable exhaust gas analyzer it proposes to use to comply with condition (b) above, by at least 60 days prior to the required compliance performance stack.

d) In addition to the specified testing, the Department reserves the right to alter the frequency of such testing upon the respective engines based on the data gathered during the first year or subsequent testing as it may deem necessary to determine compliance with any condition contained herewith.

e) The results of all testing performed using portable gas analyzers, shall be submitted to the Department within 30 days of test performance.

f) The exhaust volumetric flow rate shall be measured during initial summer and winter tests to confirm estimated airflows. The methodology of measuring the flow rate shall be defined in the pretest protocol.

g) In no event shall total emissions of NOx from the facility exceed 95 tons/year in any rolling 365 day period.

h) In the event that any turbine is operated at an average capacity factor exceeding 10% during any three calendar year period, or 20% in any calendar year, that turbine shall be retrofitted with a continuous NOx emissions monitoring system, per the provisions of 40 CFR Part 75.

2) Pursuant to 40 CFR Part 60, §60.334, the owner or operator of this source shall install and operate a continuous monitoring system to monitor and record the fuel consumption and the ratio of water to fuel being fired in the turbine. This system shall be accurate to within 15.0 percent and shall be approved by the Administrator. The monitoring system shall be operated at all times that water is being injected into the CT's. The monitoring system shall be maintained and calibrated in accordance with the manufacturer's specifications. A thirty day notification prior to the demonstration of the continuous monitor's performance and subsequent notification requirements shall be submitted to the Department. The permittee shall maintain records of CT fuel consumption and the ratio of water injected to fuel being fired. The records shall be maintained on file for a minimum of five years, and shall be made available for Department inspection upon request.

3) The company shall install and maintain instrumentation and have available a back-up method to indicate and record hourly fuel consumption of each CT.

4) Pursuant to 40 CFR Part 60, Subpart GG, §60.334, the owner or operator of this source shall monitor sulfur content and nitrogen content of the fuel being fired in the turbine. The frequency of determination of these values shall be as follows:

a) The permittee has received approval from the U.S. EPA for a custom fuel monitoring schedule. The sulfur content of the natural gas shall be determined using one of the approved ASTM reference methods for the measurement of sulfur in gaseous fuels, or an approved alternate method.

Sulfur monitoring shall be conducted once per month during the initial ozone season (May-September 2002). If this monitoring shows little variability in the fuel sulfur content, and indicates consistent compliance with 40 CFR Section 60.333, the them sulfur monitoring shall be conducted once per ozone season thereafter.

Should any sulfur analysis indicate noncompliance with 40 CFR 60.333, the owner or operator shall notify the EPA Regional Office Air Division of such excess emissions and the custom schedule shall be re-examined by the EPA. Sulfur monitoring shall be conducted weekly during the interim period when the custom schedule is being re-examined.

If there is a change in fuel supply, the owner or operator must notify the EPA of such change for re-examination of the custom fuel monitoring schedule. A substantial change in fuel quality shall be considered as a change in fuel supply. Sulfur monitoring shall be conducted weekly during the interim period when the custom schedule is being re-examined.

Records of sample analysis and fuel supply pertinent to this custom schedule shall be retained for a period of five years and be available for inspection by personnel of federal and state air pollution control agencies.

b) For the purpose of reports required under 40 CFR 60, §60.7(c), periods of excess emissions that shall be reported are defined as follows:

i) Nitrogen Oxides: Any one-hour period during which the average water-to-fuel ratio, as measured by the continuous monitoring system, falls below the water-to-fuel ratio determined to demonstrate compliance with 40 CFR 60,

**SECTION E. Source Group Restrictions.**

§60.332 by the performance test required in 40 CFR 60, §60.8 or any period during which the fuel bound nitrogen of the fuel is greater than the maximum nitrogen content allowed by the fuel-bound nitrogen allowance used during the performance test. Each report shall include the average water-to-fuel ratio, average fuel consumption, ambient conditions, gas turbine load, and nitrogen content of the fuel during the period of excess emissions, and the graphs and figures developed under 40 CFR 60, §60.335(a).

ii) Sulfur Dioxide: Any daily period during which the sulfur content of the fuel being fired in the gas turbine exceeds 0.8 percent.

[This condition has been modified from Title V Operating Permit 61-00198, Section E, Group Name: Group 3 Best Available Technology, Condition #002(1)(b)]

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.**# 003 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

[Plan Approval 61-198B]

The company shall submit quarterly excess emissions reports to the Department, to be postmarked within 30 days after the end of each calendar quarter. Quarterly reports shall contain, at a minimum:

- a) Each hour in which the water injection system malfunctions or is not operated (except for defined periods of start-up and shutdown).
- b) Any one hour period during which the average water-to-fuel ratio, as measured by the continuous monitoring system, falls below the average water-to-fuel ratio determined to demonstrate compliance with the NO_x limits during performance testing.
- c) Operating hours when monitoring data is not available.
- d) Any 365 day rolling period when facility natural gas consumption exceeds 2,243 MMscf.
- e) Any daily period in which the natural gas sulfur content limitation is exceeded.
- f) The report shall include the following for each excess emission:
 - i) Start time, duration, equipment involved, estimated actual NO_x emissions in ppmvd @ 15% O₂ and lb/hr, average water-to-fuel ratio of the CT, fuel consumption rate, actual weather conditions (temperature and barometric pressure), and CT load.
 - ii) If no excess emissions are noted during the calendar quarter, the quarterly report shall state that no excess emissions were observed.

VI. WORK PRACTICE REQUIREMENTS.**# 004 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

- a) NO_x emissions from each CT shall be controlled by the utilization of water injection. When natural gas is fired in a natural gas-fired CT, water shall be injected into the CT to control NO_x formation. At a minimum, the rate of water injection shall be at least the rate established during emissions testing to meet the emissions standards set forth in this permit, accounting for load and ambient conditions according to the equipment manufacturer's control logic design and operation.
- b) Volatile organic compounds (VOCs) and carbon monoxide (CO) emissions from each CT shall be controlled by use of oxidation catalysts.

[From Plan Approval Number PA61198A, Condition #16]

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

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

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



SECTION F. Alternative Operation Requirements.

No Alternative Operations exist for this Title V facility.

**SECTION G. Emission Restriction Summary.**

Source Id	Source Description
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Site Emission Restriction Summary

Emission Limit		Pollutant
18.300 Lbs/Hr	(per turbine basis)	CO
72.400 Tons/Yr	(facility total)	CO
25.000 PPMV	@ 15% O ₂ .	CO
3.000 Lbs/Hr	(per turbine basis)	PM10
13.100 Tons/Yr	(facility total)	PM10
0.700 Lbs/Hr	(per turbine basis)	SOX
3.100 Tons/Yr	(facility total)	SOX
30.100 Lbs/Hr	(per turbine basis)	NOX
95.000 Tons/Yr	(not to exceed 90 tpy without additional monitoring)	NOX
25.000 PPMV	@ 15% O ₂ .	NOX
3.200 Lbs/Hr	(per turbine basis)	VOC
9.000 Tons/Yr	(facility total)	VOC

**SECTION H. Miscellaneous.**

- a) The Source Capacities/Throughputs listed in Sections A and D of this permit are for informational purposes only and do not represent regulatory limits.
- b) This permit was administratively amended on August 8, 2003 to incorporate Condition #21, of Plan Approval Number 61-0198A, that was omitted during the initial Title V issuance.
- c) A minor modification for de-minimis increases was issued on June 26, 2007. The minor modification changed the natural gas usage limit based on several previous emission test results.
- d) This permit was administratively amended on November 8, 2016 to incorporate the requirements of plan approval 61-198B.
- e) This permit was renewed on February 27, 2018.
- f) This permit was administratively amended on June 28, 2018, to reflect the change in responsible official. James J. Carty, Vice President of Exelon Generation delegated the authority of responsible official to Joseph M. Dick, General Manager.



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