



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

TITLE V/STATE OPERATING PERMIT

Issue Date: October 20, 2023

Effective Date: October 20, 2023

Expiration Date: October 19, 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: 23-00041

Federal Tax Id - Plant Code: 45-5201987-1

Owner Information

Name: MIPC LLC
Mailing Address: 920 CHERRY TREE RD
ASTON, PA 19014

Plant Information

Plant: MIPC LLC / CHELSEA TANK FARM
Location: 23 Delaware County 23833 Upper Chichester Township
SIC Code: 4613 Trans. & Utilities - Refined Petroleum Pipelines

Responsible Official

Name: CHRISTINE SHOROKEY
Title: VP GEN MGR
Phone: (610) 364 - 8187 Email: Chris.Shorokey@Monroe-Energy.com

Permit Contact Person

Name: ABDUL BAMGBOSE
Title: DOT ENV ENGR
Phone: (484) 816 - 3302 Email: abdul.bamgbose@monroe-energy.com

[Signature] _____
JAMES D. REBARCHAK, SOUTHEAST REGION AIR PROGRAM MANAGER



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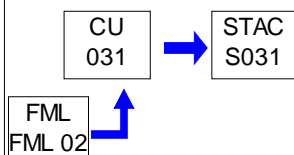
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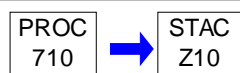
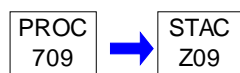
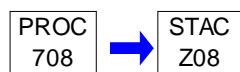
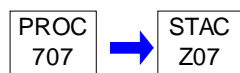
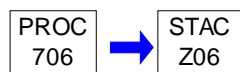
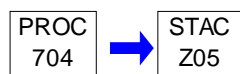
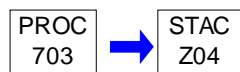
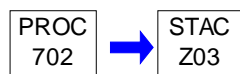
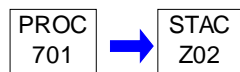
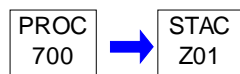
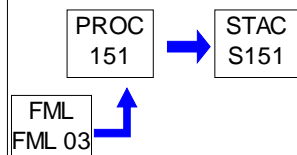
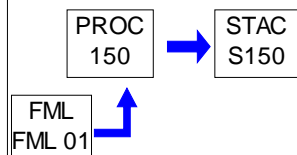
**SECTION A. Site Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
031	OFFICE HEATER 0.145 MMBTU/HR	0.145 MMBTU/HR	
		1.000 Gal/HR	#2 Oil
150	EMERGENCY GENERATOR 150 KW	14.100 Gal/HR	Diesel Fuel
151	FIRE PUMP 237 HP	9.900 Gal/HR	Diesel Fuel
700	TANK 700 (150,000 BBL CAPACITY)	N/A	GASOLINE/DISTILLATE/JE
701	TANK 701 (150,000 BBL CAPACITY)	N/A	GASOLINE/DISTILLATE/JE
702	TANK 702 (168,000 BBL CAPACITY)	N/A	GASOLINE/DISTILLATE/JE
703	TANK 703 (168,000 BBL CAPACITY)	N/A	GASOLINE/DISTILLATE/JE
704	TANK 704 (180,000 BBL CAPACITY)	N/A	GASOLINE/DISTILLATE/JE
706	TANK 706 (150,000 BBL CAPACITY)	N/A	GASOLINE/DISTILLATE/JE
707	TANK 707 (150,000 BBL CAPACITY)	N/A	GASOLINE/DISTILLATE/JE
708	TANK 708 (168,000 BBL CAPACITY)	N/A	GASOLINE/DISTILLATE/JE
709	TANK 709 (180,000 BBL CAPACITY)	N/A	GASOLINE/DISTILLATE/JE
710	TANK 710 (180,000 BBL CAPACITY)	N/A	GASOLINE/DISTILLATE/JE
711	TANK 711 (180,000 BBL CAPACITY)	N/A	GASOLINE/DISTILLATE/JE
715	TANK 715 (150,000 BBL CAPACITY)	N/A	GASOLINE/DISTILLATE/JE
FML 01	DIESEL FUEL		
FML 02	NO. 2 FUEL OIL		
FML 03	DIESEL FUEL -FIRE PUMP		
S031	OFFICE HEATER STACK		
S150	EMERGENCY GENERATOR STACK		
S151	FIRE PUMP STACK		
Z01	TANK 700 FUGITIVES		
Z02	TANK 701 FUGITIVES		
Z03	TANK 702 FUGITIVES		
Z04	TANK 703 FUGITIVES		
Z05	TANK 704 FUGITIVES		
Z06	TANK 706 FUGITIVES		
Z07	TANK 707 FUGITIVES		
Z08	TANK 708 FUGITIVES		
Z09	TANK 709 FUGITIVES		
Z10	TANK 710 FUGITIVES		
Z11	TANK 711 FUGITIVES		
Z15	TANK 715 FUGITIVES		

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

**SECTION B. General Title V Requirements**

the Department.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

R3_Air_Apps_and_Notices@epa.gov

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

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

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

R3_Air_Apps_and_Notices@epa.gov

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

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

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

R3_Air_Apps_and_Notices@epa.gov

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

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

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

R3_Air_Apps_and_Notices@epa.gov

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

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

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

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

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

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

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

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

**SECTION B. General Title V Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General Title V Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General Title V Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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(5) The results of the analyses.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General Title V Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION C. Site Level Requirements****I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §121.7]****Prohibition of air pollution.**

No person shall permit air pollution as that term is defined in the Air Pollution Control Act (35 P.S. Section 4003).

002 [25 Pa. Code §123.1]**Prohibition of certain fugitive emissions**

No person shall 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) open burning operations, as specified in 25 Pa. Code § 129.14;
- (7) blasting in open pit mines. Emissions from drilling are not considered as emissions from blasting;
- (8) coke oven batteries, provided the fugitive air contaminants emitted from any coke oven battery comply with the standards for visible fugitive emissions in 25 Pa. Code §§ 123.44 and 129.15 (relating to limitations of visible fugitive air contaminants from operation of any coke oven battery; and coke pushing operations); and
- (9) sources and classes of sources other than those identified in (1)-(8), above, for which the permittee has obtained a determination from the Department that fugitive emissions from the source, after appropriate control, meet the following requirements:
 - (i) the emissions are of minor significance with respect to causing air pollution; and
 - (ii) the emissions are not preventing or interfering with the attainment or maintenance of any ambient air quality standard.

003 [25 Pa. Code §123.2]**Fugitive particulate matter**

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

004 [25 Pa. Code §123.31]**Limitations**

A person shall 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.

005 [25 Pa. Code §123.41]**Limitations**

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

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

006 [25 Pa. Code §123.42]**Exceptions**

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

- (a) When the presence of uncombined water is the only reason for failure of the emission to meet the limitations.
- (b) When the emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions.
- (c) When the emission results from the sources specified in 25 Pa. Code § 123.1(a)

**SECTION C. Site Level Requirements****# 007 [25 Pa. Code §129.14]****Open burning operations**

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

- (a) a fire set to prevent or abate a fire hazard, when approved by the Department and set by or under the supervision of a public officer;
- (b) any fire set for the purpose of instructing personnel in fire fighting, when approved by the Department;
- (c) a fire set for the prevention and control of disease or pests, when approved by the Department;
- (d) a fire set in conjunction with the production of agricultural commodities in their unmanufactured state on the premises of the farm operation;
- (e) a fire set for the purpose of burning domestic refuse, when the fire is on the premises of a structure occupied solely as a dwelling by two families or less and when the refuse results from the normal occupancy of the structure;
- (f) a fire set solely for recreational or ceremonial purposes; or
- (g) a fire set solely for cooking food.

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

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

- (a) If at any time the Department has cause to believe that air contaminant emissions from any source may be in excess of the limitations specified in this Permit, or established pursuant to, any applicable rule or regulation contained in 25 Pa. Code Article III, the permittee shall be required to conduct whatever tests are deemed necessary by the Department to determine the actual emission rate(s).
- (b) Such testing shall be conducted in accordance with the provisions of 25 Pa. Code Chapter 139, the most current version of the DEP Source Testing Manual, and the EPA Clean Air Act National Stack Testing Guidance, when applicable, and in accordance with any restrictions or limitations established by the Department at such time as it notifies the permittee that testing is required.

III. MONITORING REQUIREMENTS.**# 009 [25 Pa. Code §123.43]****Measuring techniques**

Visible emissions shall be measured using either of the following:

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

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

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

- (a) The permittee shall monitor the facility, once per operating day, for the following:
 - (1) odors which may be objectionable (as per 25 Pa. Code §123.31);
 - (2) visible emissions (as per 25 Pa. Code §§123.41 and 123.42); and

**SECTION C. Site Level Requirements**

(3) fugitive particulate matter (as per 25 Pa. Code §§ 123.1 and 123.2).

(b) All detectable objectionable odors, that originated on-site and cross the property line, as well as fugitive particulate emissions that originated on-site and cross the property line, and visible emissions that originated on site that are caused or may be caused by operations at the site shall:

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

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

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

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

Note: On July 21, 2017, a letter authorizing a reduction in monitoring frequency for odors, visible and fugitive emissions to monthly was sent by the Department to the company.

IV. RECORDKEEPING REQUIREMENTS.

011 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

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

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

012 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

- (a) De minimus increases without notification to the Department.
- (b) De minimus increases with notification to the Department, via letter.
- (c) Increases resulting from a Request for Determination (RFD) to the Department.
- (d) Increases resulting from the issuance of a plan approval and subsequent operating permit.

V. REPORTING REQUIREMENTS.

013 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

(a) The permittee shall report malfunctions, emergencies or incidents of excess emissions to the Department at 484-250-5920. A malfunction is any sudden, infrequent, and not reasonably preventable failure of air pollution control equipment, process equipment, or a process to operate in a normal or usual manner. An emergency is any situation arising from sudden and reasonably unforeseeable events beyond the control of the owner or operator of a facility which requires immediate corrective action to restore normal operation and which causes the emission source to exceed emissions, due

**SECTION C. Site Level Requirements**

to unavoidable increases in emissions attributable to the situation. An emergency shall not include situations caused by improperly designed equipment, lack of preventive maintenance, careless or improper operation, or operator error.

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

(c) The report shall describe the following:

- (1) Name, permit or authorization number, and location of the facility;
- (2) Nature and cause of the malfunction, emergency or incident;
- (3) Date and time when the malfunction, emergency or incident was first observed;
- (4) Expected duration of excess emissions;
- (5) Estimated rate of emissions; and
- (6) Corrective actions or preventative measures taken.

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

(e) During an emergency an owner or operator may continue to operate the source at their discretion provided they submit justification for continued operation of a source during the emergency and follow all the notification and reporting requirements in accordance with paragraphs (b)-(d), as applicable, including any permit specific malfunction reporting requirements.

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

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

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

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

The permittee shall submit the following:

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

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

[Compliance with condition (b) assures compliance with 40 CFR Section 63.6650 (f), for Source ID 150 - Emergency Generator.

**SECTION C. Site Level Requirements****# 015 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this condition is derived from 40 CFR Sections 63.9(a)(4)(ii) and 63.10(a)(4)(ii).]

(a) All requests, reports, applications, submittals, and other communications to the Administrator, under this Operating Permit, shall be submitted to both the Regional Office of the U.S. Environmental Protection Agency and to the Department.

(b)

(1) The Department address for submissions required by this Operating Permit is:

Regional Air Quality Manager
PA Department of Environmental Protection
2 East Main Street
Norristown, PA 19401

(2) The EPA address for submissions required by this Operating Permit is:

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

Note: Some NSPS or MACT Subparts require electronic submission of reports using EPA's Compliance and Emissions Data Reporting Interface (CEDRI). CEDRI is accessed through EPA's Central Data Exchange (CDX)(www.epa.gov/cdx). The above mailing address is to be used in those cases when the specific reporting form is not available in CEDRI at the time the report is due.

016 [25 Pa. Code §135.21]**Emission statements**

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

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

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

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

018 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512(h) and 25 Pa. Code Sections 129.96 - 129.100.]

The permittee shall ensure that the source(s) and air pollution control devices, listed in Section A and Section H, where applicable, of this permit, are installed, operated and maintained in a manner consistent with good operating and maintenance practices, and in accordance with manufacturer's specifications.

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

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

**SECTION C. Site Level Requirements**

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

020 [25 Pa. Code §123.1]**Prohibition of certain fugitive emissions**

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

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

VII. ADDITIONAL REQUIREMENTS.**# 021 [25 Pa. Code §127.215]****Reactivation.**

(a) A facility which has been out of operation or production for 1 year or more during the term of its operating permit may be reactivated within the term of its operating permit and will not be considered a new facility subject to Subchapter E, relating to New Source Review, if the following conditions are satisfied:

(1) The permittee shall within 1 year of the deactivation submit in writing to the Department and implement a maintenance plan which includes the measures to be taken, including maintenance, upkeep, repair or rehabilitation procedures, which will enable the facility to be reactivated in accordance with the terms of the permit.

(2) The permittee shall submit a reactivation plan at least 30 days prior to the proposed date of reactivation. The reactivation plan shall include sufficient measures to ensure that the facility will be reactivated in compliance with the permit requirements. The permittee may submit a reactivation plan to the Department at any time during the term of its operating permit. The reactivation plan may also be submitted to and approved in writing by the Department as part of the plan approval or permit application process.

(3) The permittee shall notify the Department in writing within 1 year of deactivation requesting preservation of the emissions in the inventory and indicating the intent to reactivate the facility.

(4) The permittee shall comply with the terms and conditions of the following:

- (i) Maintenance plan while the facility is deactivated.
- (ii) Reactivation plan and the operating permit upon reactivation.

(5) The permittee with an approved reactivation plan shall notify the Department in writing at least 30 days prior to reactivation of the facility.

(b) The Department will approve or disapprove in writing the complete reactivation plan within 30 days of the plan's submission, unless additional time is required based on the size or complexity of the facility.

**SECTION C. Site Level Requirements****# 022 [25 Pa. Code §127.11a]****Reactivation of sources.**

(a) Except as provided by 127.215 (relating to reactivation), a source which has been out of operation or production for at least 1 year but less than or equal to 5 years may be reactivated and will not be considered a new source if the following conditions are satisfied:

(1) The owner or operator shall, within 1 year of the deactivation submit to the Department and implement a maintenance plan which includes the measures to be taken, including maintenance, upkeep, repair or rehabilitation procedures, which will enable the source to be reactivated in accordance with the terms of the permit issued to the source.

(2) The owner or operator shall submit a reactivation plan to the Department for approval at least 60 days prior to the proposed date of reactivation. The reactivation plan shall include sufficient measures to ensure that the source will be reactivated in compliance with the permit requirements. The permittee may submit a reactivation plan to the Department at any time during the term of its operating permit. The reactivation plan may also be submitted to and reviewed by the Department as part of the plan approval or permit application or renewal process.

(3) The owner or operator of the source shall submit a notice to the Department within 1 year of deactivation requesting preservation of emissions in the inventory and indicating the intent to reactivate the source.

(4) The owner or operator of the source shall comply with the terms and conditions of the maintenance plan while the source is deactivated, and shall comply with the terms of the reactivation plan and operating permit upon reactivation.

(5) The owner or operator of the source with an approved reactivation plan and operating permit shall notify the Department in writing at least 30 days prior to reactivation of the source.

(b) A source which has been out of operation or production for more than 5 years but less than 10 years may be reactivated and will not be considered a new source if the following conditions are satisfied:

(1) The owner or operator of the source complies with the requirements of subsection (a).

(2) The owner or operator of the source obtains a plan approval and operating permit which requires that the emission of air contaminants from the source will be controlled to the maximum extent, consistent with the best available technology as determined by the Department as of the date of reactivation.

(c) A source which has been out of operation for 10 or more years shall meet the requirements of this chapter applicable to a new source.

(d) The source shall have an operating permit prior to reactivation.

023 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6590]**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What parts of my plant does this subpart cover?**

Pursuant to 40 CFR Section 63.6585, this engine is subject to 40 CFR Part 63 Subpart ZZZZ.

In accordance with 40 CFR Section 63.6590(c), this engine shall meet all the requirements of 40 CFR Part 63 Subpart ZZZZ by meeting the requirements of 40 CFR Part 60 Subpart IIII.

VIII. COMPLIANCE CERTIFICATION.

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

IX. COMPLIANCE SCHEDULE.



SECTION C. Site Level Requirements

No compliance milestones exist.

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

**SECTION D. Source Level Requirements**

Source ID: 031

Source Name: OFFICE HEATER 0.145 MMBTU/HR

Source Capacity/Throughput:

0.145 MMBTU/HR

1.000 Gal/HR

#2 Oil

**I. RESTRICTIONS.****Fuel Restriction(s).****# 001 [25 Pa. Code §123.22]****Combustion units**

Pursuant to 25 Pa. Code Section 123.22(e)(2),

(i) Except as specified in subparagraphs (ii) and (iii), a person may not offer for sale, deliver for use, exchange in trade or permit the use of commercial No. 2 fuel oil in a combustion unit in the Southeast Pennsylvania air basin if the commercial No. 2 fuel oil contains sulfur in excess of 15 ppm by weight (0.0015%).

(ii) The 0.0015% sulfur content standard for #2 fuel oil takes effect in accordance with 25 Pa. Code Chapter 123.22(e)(2)(i) beginning September 1, 2020. Fuel oil in storage that met the sulfur limit prior to the September 1, 2020 new sulfur limit standard, may continue to be consumed in accordance with 25 Pa. Code Chapter 123.22(e)(2)(ii).

Per 25 Pa. Code Chapter 123.22(e)(2)(iii), the Department may temporarily suspend or increase the applicable maximum allowable sulfur content for a commercial fuel oil set forth in subparagraph (i).

II. TESTING REQUIREMENTS.**# 002 [25 Pa. Code §139.16]****Sulfur in fuel oil.**

[Additional authority for this permit condition is from 25 Pa. Code Section 127.441.]

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

(1) The fuel oil sample for chemical analysis shall be collected in a manner that provides a representative sample. Upon the request of a Department official, the person responsible for the operation of the source shall collect the sample employing the procedures and equipment specified in 25 Pa. Code Section 139.4(10) or (21) (relating to references).

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

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

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

Note: Testing under this condition shall be at the request of the Department pursuant to Section C, Condition #008.

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

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

IV. RECORDKEEPING REQUIREMENTS.**# 003 [25 Pa. Code §123.22]****Combustion units**

Pursuant to 25 Pa. Code Section 123.22(g)(5),

The permittee shall receive and keep with each fuel oil delivery an electronic or paper record which legibly and conspicuously contains the following information:

- (a) the date of the sale or transfer;
- (b) the name and address of the seller;
- (c) the name and address of the buyer;
- (d) the delivery address;
- (e) the volume of commercial fuel oil purchased; and
- (f) the identification of the sulfur content of the shipment of fuel oil, determined using the sampling and testing methods specified in the testing requirement in 25 Pa. Code Section 123.22(f)(1), expressed as the following statement for a shipment of No. 2 and lighter commercial fuel oil,

“The sulfur content of this shipment is 15 ppm or below.”

004 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11223]**SUBPART JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****How do I demonstrate continuous compliance with the work practice and management practice standards?**

Pursuant to 40 CFR Section 63.11223(b)(6),

The owner/operator shall maintain a record on-site of the following information for each tune-up conducted on the boiler. The owner/operator shall submit the information to the Administrator if requested.

- (a) The concentrations of CO in the effluent stream in parts per million, by volume, and oxygen in volume percent, measured at high fire or typical operating load, before and after the tune-up of the boiler.
- (b) A description of any corrective actions taken as a part of the tune-up of the boiler.
- (c) The type and amount of fuel used over the 12 months prior to the tune-up of the boiler, but only if the unit was physically and legally capable of using more than one type of fuel during that period. Units sharing a fuel meter may estimate the fuel use by each unit.

005 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11225]**SUBPART JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****What are my notification, reporting, and recordkeeping requirements?**

Pursuant to 40 CFR Section 63.11225(c),

The owner/operator shall maintain the following records:

**SECTION D. Source Level Requirements**

- (a) As required in 40 CFR Section 63.10(b)(2)(xiv), a copy of each notification and report that is submitted to comply with 40 CFR Part 63 Subpart JJJJJJ and all documentation supporting any Initial Notification or Notification of Compliance Status that was submitted.
- (b) Documentation of conformance with the work practices required by 40 CFR Section 63.11223 [Condition #010] to include identification of the boiler's date of tune-up, the procedures followed for tune-up, and the manufacturer's specifications to which the boiler was tuned.
- (c) Records of the occurrence and duration of each malfunction of the boiler.
- (d) Records of actions taken during periods of malfunction to minimize emissions in accordance with the general duty to minimize emissions in 40 CFR Section 63.11205(a) [Condition #009], including corrective actions to restore the malfunctioning boiler to its normal or usual manner of operation.

006 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11225]**SUBPART JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****What are my notification, reporting, and recordkeeping requirements?**

Pursuant to 40 CFR Section 63.11225(d),

Records shall be in a form suitable and readily available for expeditious review. Each record shall be kept for 5 years following the date of each recorded action. Each record shall be on-site or be accessible from a central location by computer or other means that instantly provides access at the site for at least 2 years after the date of each recorded action. Records may be kept off site for the remaining 3 years.

V. REPORTING REQUIREMENTS.**# 007 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11225]****SUBPART JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****What are my notification, reporting, and recordkeeping requirements?**

Pursuant to 40 CFR Section 63.11225(g),

If the owner/operator switches fuels or makes a physical change to the boiler and the fuel switch or change results in the applicability of a different subcategory within 40 CFR Part 63 Subpart JJJJJJ, in the boiler becoming subject to 40 CFR Part 63 Subpart JJJJJJ, or in the boiler switching out of 40 CFR Part 63 Subpart JJJJJJ due to a change to 100 percent natural gas, or if the owner/operator takes a permit limit that results in his/her being subject to 40 CFR Part 63 Subpart JJJJJJ, the owner/operator must provide notice of the date upon which he/she switched fuels, made the physical change, or took a permit limit within 30 days of the change. The notification shall identify:

- (a) The name of the owner or operator of the affected source, the location of the source, the boiler(s) that have switched fuels, were physically changed, or took a permit limit, and the date of the notice.
- (b) The date upon which the fuel switch, physical change, or permit limit occurred.

008 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11225]**SUBPART JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****What are my notification, reporting, and recordkeeping requirements?**

Pursuant to 40 CFR Section 63.11225(b),

The owner/operator shall prepare by March 1, of every 5th year and submit to the delegated authority upon request, a compliance certification report for the previous calendar year in which a boiler tune-up was due. The report shall contain the following information:

**SECTION D. Source Level Requirements**

(1) company name and address;

(2) A statement by a responsible official, with the official's name, title, phone number, email address, and signature, certifying the truth, accuracy and completeness of the notification and a statement of whether the source has complied with all the relevant standards and other requirements of 40 CFR Part 63 Subpart JJJJJJ. The notification must include the following certification(s) of compliance, as applicable, and be signed by a responsible official:

"This facility complies with the requirements in 40 CFR Section 63.11223 to conduct a 5-year tune-up of the Office Heater, Source ID 031."

VI. WORK PRACTICE REQUIREMENTS.**# 009 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11205]****SUBPART JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****What are my general requirements for complying with this subpart?**

Pursuant to 40 CFR Section 63.11205 (a),

The owner/operator shall at all times operate and maintain the source in a manner consistent with safety and good air pollution control practices for minimizing emissions. Determination of whether such operation and maintenance procedures are being used will be based on information available to the Administrator that may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source.

010 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11223]**SUBPART JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****How do I demonstrate continuous compliance with the work practice and management practice standards?**

Pursuant to 40 CFR Section 63.11223(b), the owner/operator conducting the tune-up on the boiler shall:

- (1) As applicable, inspect the burner, and clean or replace any components of the burner as necessary.
- (2) Inspect the flame pattern, as applicable, and adjust the burner as necessary to optimize the flame pattern. The adjustment should be consistent with the manufacturer's specifications, if available.
- (3) Inspect the system controlling the air-to-fuel ratio, as applicable, and ensure that it is correctly calibrated and functioning properly.
- (4) Optimize total emissions of CO. This optimization should be consistent with the manufacturer's specifications, if available, and with any nitrogen oxide requirement to which the unit is subject.
- (5) Measure the concentrations in the effluent stream of CO in parts per million, by volume, and oxygen in volume percent, before and after the adjustments are made (measurements may be either on a dry or wet basis, as long as it is the same basis before and after the adjustments are made). Measurements may be taken using a portable CO analyzer.
- (6) Maintain on-site and submit, if requested by the Administrator, a report containing the information in 40 CFR Section 63.11223 (b)(6)(i) through (iii) [Condition #004].
- (7) If the unit is not operating on the required date for a tune-up, the tune-up must be conducted within 30 days of startup.

011 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11223]**SUBPART JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources**

**SECTION D. Source Level Requirements****How do I demonstrate continuous compliance with the work practice and management practice standards?**

Pursuant to 40 CFR Section 63.11214(b) and 63.11223(e),

The owner/operator of an oil-fired boiler with a capacity equal to or less than 5 MMBtu/hr shall conduct a tune-up as specified in 40 CFR Section 63.11223 (b)(1) through (7) [Condition #010]. Each tune-up shall be conducted no more than 61 months after the previous tune-up. The owner/operator may delay the burner inspection specified in 40 CFR Section 63.11223 (b)(1) [Condition #010(1)] and inspection of the system controlling the air-to-fuel ratio specified in 40 CFR Section 63.11223 (b)(3) [Condition #010(3)] until the next scheduled unit shutdown, but the owner/operator must inspect each burner and system controlling the air-to-fuel ratio at least once every 72 months.

VII. ADDITIONAL REQUIREMENTS.**# 012 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11194]****SUBPART JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****What is the affected source of this subpart?**

[Additional authority for this permit condition is from 25 Pa. Code Section 127.441.]

a) This boiler is a Williamson Model OWB-4, installed in 2008.

(b) In accordance with 40 CFR Sections 63.11194(a)(1) and (b) and 63.11200(e), this existing oil-fired boiler with a heat input capacity of less than 5 MMBtu/hr is subject to the requirements of 40 CFR Part 63 Subpart JJJJJJ.

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

[Additional authority for this permit condition is from 25 Pa. Code Sections 129.96 - 129.100.]

Pursuant to 25 Pa. Code Section 129.96(c), this office heater is exempt from RACT II requirements, as a source having a potential to emit VOC less than 1 ton/year.

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

**SECTION D. Source Level Requirements**

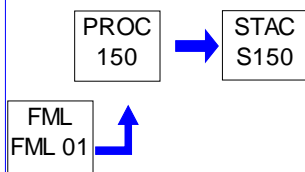
Source ID: 150

Source Name: EMERGENCY GENERATOR 150 KW

Source Capacity/Throughput:

14.100 Gal/HR

Diesel Fuel

**I. RESTRICTIONS.****Fuel Restriction(s).****# 001 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6604]****Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What fuel requirements must I meet if I own or operate an existing stationary CI RICE?**

Pursuant to 40 CFR Section 63.6604(b),

(a) The owner/operator who operates the engine for the purpose specified in 40 CFR Section 63.6640(f)(4)(ii) [Condition #002(3)], shall use fuel meeting the requirements of 40 CFR Section 80.510 for non-road diesel fuel as follows.

(1) Sulfur content. 15 ppm maximum

(2) Cetane index or aromatic content, as follows:

(i) A minimum cetane index of 40; or

(ii) A maximum aromatic content of 35 volume percent

(b) Reserves of fuel obtained before January 1, 2015 may be used until depleted.

Operation Hours Restriction(s).**# 002 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6640]****Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****How do I demonstrate continuous compliance with the emission limitations, operating limitations, and other requirements?**

(a) The permittee shall operate the emergency stationary R.I.C.E. according to the requirements in the most recent version of 40 C.F.R. Section 63.6640(f).

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

II. TESTING REQUIREMENTS.

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

**SECTION D. Source Level Requirements****III. MONITORING REQUIREMENTS.****# 003 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6625]****Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What are my monitoring, installation, operation, and maintenance requirements?**

Pursuant to 40 CFR Section 63.6625(f),

The permittee shall install, operate and maintain a non-resettable hour meter on the engine, if one is not already installed.

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

The owner/operator shall keep a record of the oil changes and inspections, to include the date and the reading of the engine's hour meter when the oil change or inspection is performed.

005 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6655]**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What records must I keep?**

Pursuant to 40 CFR Section 63.6655(a),

The owner/operator shall keep:

- (1) A copy of each notification and report that is submitted to comply with 40 CFR Part 63 Subpart ZZZZ, including all documentation supporting any Initial Notification or Notification of Compliance Status;
- (2) Records of the occurrence and duration of each malfunction of operation;
- (3) Records of actions taken during periods of malfunction to minimize emissions in accordance with 40 CFR Section 63.6605(b), including corrective actions to restore malfunctioning process to its normal or usual manner of operation.

006 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6655]**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What records must I keep?**

Pursuant to 40 CFR Section 63.6655(e),

The owner/operator shall keep records of maintenance conducted on the engine in order to demonstrate that the engine was operated and maintained according to the owner/operator's maintenance plan.

007 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6655]**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What records must I keep?**

Pursuant to 40 CFR Section 63.6655(f),

- (a) The owner/operator shall keep records of the hours of operation of the engine that is recorded through the non-resettable hour meter. The owner or operator must document how many hours are spent for emergency operation, including what classified the operation as emergency and how many hours are spent for non-emergency operation.
- (b) If the engine is operated for the purposes specified in 40 CFR Section 63.6640(f), the owner or operator must keep records of the notification of the emergency situation, and the date, start time, and end time of engine operation for these purposes.

**SECTION D. Source Level Requirements****# 008 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6660]****Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****In what form and how long must I keep my records?**

[Additional authority for this condition is derived from 40 CFR Section 63.10(b).]

The owner/operator shall keep:

- (a) the records in a form suitable and readily available for expeditious review;
- (b) each record for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report or record recorded.
- (c) each record readily accessible in hard copy or electronic form for at least 5 years after the date of each occurrence, measurement, maintenance, corrective action, report or record recorded.

V. REPORTING REQUIREMENTS.**# 009 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6650]****Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What reports must I submit and when?**

Pursuant to 40 CFR Section 63.6650(h),

If the owner/operator who operates the engine for the purposes specified in 40 CFR Section 63.6640(f), the owner/operator shall submit an annual report according to the requirements in paragraphs (1) through (3) of this condition:

(1) The report must contain the following information:

- (i) Company name and address where the engine is located.
- (ii) Date of the report and beginning and ending dates of the reporting period.
- (iii) Engine site rating and model year.
- (iv) Latitude and longitude of the engine in decimal degrees reported to the fifth decimal place.
- (v) Hours spent for operation for the purpose specified in 40 CFR Section 63.6640(f)(4)(ii) [Condition #002(3)(A)-(E)], including the date, start time, and end time for engine operation for the purposes specified in 40 CFR Section 63.6640(f)(4)(ii) [Condition #002(3)(A)-(E)]. The report must also identify the entity that dispatched the engine and the situation that necessitated the dispatch of the engine.
- (vi) If there were no deviations from the fuel requirements in 40 CFR Section 63.6604 [Condition #001] that apply to the engine (if any), a statement that there were no deviations from the fuel requirements during the reporting period.
- (vii) If there were deviations from the fuel requirements in 40 CFR Section 63.6604 that apply to the engine (if any), information on the number, duration, and cause of deviations, and the corrective action taken.

(2) Annual reports for each calendar year must be submitted no later than March 31 of the following calendar year.

(3) The annual report must be submitted electronically using the subpart specific reporting form in the Compliance and Emissions Data Reporting Interface (CEDRI) that is accessed through EPA's Central Data Exchange (CDX) (www.epa.gov/cdx). However, if the reporting form specific to this subpart is not available in CEDRI at the time that the report is due, the written report must be submitted to the Administrator at address indicated in Section C, Condition #015.

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

[Additional authority for this permit condition is from 40 CFR Section 63.6625 (e) and 25 Pa. Code 129.97(c)(5).]

The owner and operator of the engine shall comply with the following requirements. In case of a contradiction, the more stringent requirement applies.

(1) The owner/operator shall operate and maintain the engine according to the manufacturer's emission-related written instructions or develop his/her own maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions.

(2) the requirements of Section C Condition #019.

[Compliance with this condition assures compliance with RACT II]

011 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6603]**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What emission limitations, operating limitations, and other requirements must I meet if I own or operate an existing stationary RICE located at an area source of HAP emissions?**

(a) Pursuant to 40 CFR Section 63.6603(a), the owner/operator shall comply with the following work practice requirements for the engine given in Table 2d of 40 CFR Part 63 Subpart ZZZZ:

(1) Change the oil and filter every 500 hours of operation or annually, whichever comes first;

(2) Inspect the air cleaner every 1,000 hours of operation or annually, whichever comes first, and replace as necessary; and

(3) Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.

(b) Pursuant to 40 CFR Section 63.6625(i), the interval between oil changes may be extended by an oil analysis program, subject to the following requirements:

(1) The oil analysis must be performed at the same frequency specified for changing the oil in part (a) of this condition.

(2) The analysis program must at a minimum analyze the following three parameters: Total Acid Number, viscosity, and percent water content. The condemning limits for these parameters are as follows: Total Acid Number increases by more than 3.0 milligrams of potassium hydroxide (KOH) per gram from Total Acid Number of the oil when new; viscosity of the oil has changed by more than 20 percent from the viscosity of the oil when new; or percent water content (by volume) is greater than 0.5.

(3) If all of these condemning limits in condition (b)(2) are not exceeded, the engine owner or operator is not required to change the oil. If any of the limits are exceeded, the engine owner or operator must change the oil within 2 business days of receiving the results of the analysis; if the engine is not in operation when the results of the analysis are received, the engine owner or operator must change the oil within 2 business days or before commencing operation, whichever is later.

(4) The owner or operator must keep records of the parameters that are analyzed as part of the program, the results of the analysis, and the oil changes for the engine. The analysis program must be part of the maintenance plan for the engine.

012 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6605]**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What are my general requirements for complying with this subpart?**

**SECTION D. Source Level Requirements**

Pursuant to 40 CFR Section 63.6605(b),

The owner/operator shall at all times operate and maintain the engine in a manner consistent with safety and good air pollution control practices for minimizing emissions. Determination of whether such operation and maintenance procedures are being used will be based on information available to the Administrator which may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source.

013 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6625]

Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

What are my monitoring, installation, operation, and maintenance requirements?

Pursuant to 40 CFR Section 63.6625(h),

the owner/operator shall minimize the engine's time spent at idle during startup and minimize the engine's startup per to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes.

VII. ADDITIONAL REQUIREMENTS.

014 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is from 25 Pa. Code Sections 129.96 - 129.100.]

This Emergency Generator is subject to the presumptive RACT II requirements pursuant to 25 Pa. Code Section 129.97(c)(5).

015 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6595]

Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

When do I have to comply with this subpart?

[Additional authority for this condition is from 25 Pa. Code Section 127.441.]

(a) This engine is a Cummins Model 6CTA8.3-G2, constructed in 2001.

(b) In accordance with 40 CFR Sections 63.6585 and 63.6590 (a)(1)(iii), this existing compression ignition (CI) reciprocating internal combustion engine (RICE) is subject to the requirements of 40 CFR Part 63 Subpart ZZZZ.

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

**SECTION D. Source Level Requirements**

Source ID: 151

Source Name: FIRE PUMP 237 HP

Source Capacity/Throughput:

9.900 Gal/HR

Diesel Fuel

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

001 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4205]
Subpart III - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines
What emission standards must I meet for emergency engines if I am an owner or operator of a stationary CI internal co

(a) Pursuant to 40 CFR Section 60.4205 (c) and Table 4 of 40 CFR Part 60 Subpart III, this fire pump engine shall be limited to the following emissions:

NMHC + NO_x - 3.0 g/bhp-hr
 (non-methane hydrocarbons and nitrogen oxides)

CO - 2.6 g/bhp-hr
 (carbon monoxide)

PM - 0.15 g/bhp-hr
 (particulate matter)

(b) The permittee shall comply with the requirements of this condition by meeting the emission standards for a non-emergency engine, pursuant to 40 CFR Section 60.4201(a).

002 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4206]
Subpart III - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines
How long must I meet the emission standards if I am an owner or operator of a stationary CI internal combustion engine

The NMHC +NO_x, CO and PM emission limitations for the fire pump associated with Source ID 151 shall apply over the entire life of the fire pump engine.

Fuel Restriction(s).

003 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4207]
Subpart III - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines
What fuel requirements must I meet if I am an owner or operator of a stationary CI internal combustion engine subject to

Diesel fuel used in this fire pump engine shall be limited as follows:

(1) Sulfur content - 15 ppm

(2) Cetane index or aromatic content, as follows:

- (i) A minimum cetane index of 40; or
- (ii) A maximum aromatic content of 35 volume percent.

II. TESTING REQUIREMENTS.

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

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

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

IV. RECORDKEEPING REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The owner/operator shall keep keep records from the manufacturer stating that the engine is certified to the emission standards in 40 C.F.R. 60 Section 60.4205.

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.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The owner/operator shall only operate this fire pump engine in emergencies or for testing.

006 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4211]

Subpart III - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines**What are my compliance requirements if I am an owner or operator of a stationary CI internal combustion engine?**

[Additional authority for this permit condition is from 25 Pa. Code Section 127.441.]

In accordance with 40 CFR Section 60.4211(a), the owner/operator shall:

- (a) operate and maintain the fire pump engine according to the manufacturer's emission-related instructions
- (b) change only those emission-related settings that are permitted by the manufacturer

007 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4211]

Subpart III - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines**What are my compliance requirements if I am an owner or operator of a stationary CI internal combustion engine?**

[Additional authority for this permit condition is from 25 Pa. Code Section 127.441.]

In accordance with 40 CFR Section 60.4211(c),

- (a) the owner/operator shall comply with the emission limitations in 40 C.F.R. Section 60.4205 by purchasing an engine certified to the standards.
- (b) the engine must be installed and configured according to the manufacturer's emission-related specifications.

VII. ADDITIONAL REQUIREMENTS.

008 [25 Pa. Code §127.441]

Operating permit terms and conditions.

This fire pump engine is a John Deere, 237 hp, Serial No. PE6068L259206, 6.8 L.

009 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6590]

Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines**What parts of my plant does this subpart cover?**

Pursuant to 40 CFR Section 63.6590(c)(1), this engine shall meet the requirements of 40 CFR Part 63 Subpart ZZZZ by meeting the requirements of 40 CFR Part 60 Subpart III.



SECTION D. Source Level Requirements

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



SECTION D. Source Level Requirements

Source ID: 700 Source Name: TANK 700 (150,000 BBL CAPACITY)
Source Capacity/Throughput: N/A GASOLINE/DISTILLATE/JET FUEL

Conditions for this source occur in the following groups: 1



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: 701

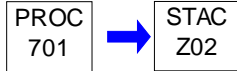
Source Name: TANK 701 (150,000 BBL CAPACITY)

Source Capacity/Throughput:

N/A

GASOLINE/DISTILLATE/JET FUEL

Conditions for this source occur in the following groups: 1

**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: 702

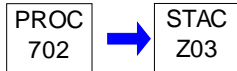
Source Name: TANK 702 (168,000 BBL CAPACITY)

Source Capacity/Throughput:

N/A

GASOLINE/DISTILLATE/JET FUEL

Conditions for this source occur in the following groups: 1

**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: 703

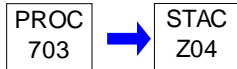
Source Name: TANK 703 (168,000 BBL CAPACITY)

Source Capacity/Throughput:

N/A

GASOLINE/DISTILLATE/JET FUEL

Conditions for this source occur in the following groups: 1

**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: 704

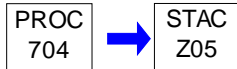
Source Name: TANK 704 (180,000 BBL CAPACITY)

Source Capacity/Throughput:

N/A

GASOLINE/DISTILLATE/JET FUEL

Conditions for this source occur in the following groups: 1

**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: 706

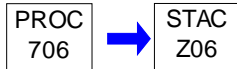
Source Name: TANK 706 (150,000 BBL CAPACITY)

Source Capacity/Throughput:

N/A

GASOLINE/DISTILLATE/JET FUEL

Conditions for this source occur in the following groups: 1

**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: 707

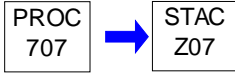
Source Name: TANK 707 (150,000 BBL CAPACITY)

Source Capacity/Throughput:

N/A

GASOLINE/DISTILLATE/JET FUEL

Conditions for this source occur in the following groups: 1

**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: 708

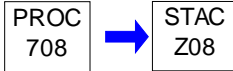
Source Name: TANK 708 (168,000 BBL CAPACITY)

Source Capacity/Throughput:

N/A

GASOLINE/DISTILLATE/JET FUEL

Conditions for this source occur in the following groups: 1

**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: 709

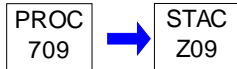
Source Name: TANK 709 (180,000 BBL CAPACITY)

Source Capacity/Throughput:

N/A

GASOLINE/DISTILLATE/JET FUEL

Conditions for this source occur in the following groups: 1

**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: 710

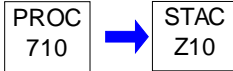
Source Name: TANK 710 (180,000 BBL CAPACITY)

Source Capacity/Throughput:

N/A

GASOLINE/DISTILLATE/JET FUEL

Conditions for this source occur in the following groups: 1

**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: 711

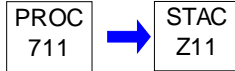
Source Name: TANK 711 (180,000 BBL CAPACITY)

Source Capacity/Throughput:

N/A

GASOLINE/DISTILLATE/JET FUEL

Conditions for this source occur in the following groups: 1

**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: 715

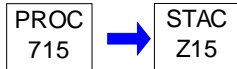
Source Name: TANK 715 (150,000 BBL CAPACITY)

Source Capacity/Throughput:

N/A

GASOLINE/DISTILLATE/JET FUEL

Conditions for this source occur in the following groups: 1

**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: 1

Group Description: all tanks

Sources included in this group

ID	Name
700	TANK 700 (150,000 BBL CAPACITY)
701	TANK 701 (150,000 BBL CAPACITY)
702	TANK 702 (168,000 BBL CAPACITY)
703	TANK 703 (168,000 BBL CAPACITY)
704	TANK 704 (180,000 BBL CAPACITY)
706	TANK 706 (150,000 BBL CAPACITY)
707	TANK 707 (150,000 BBL CAPACITY)
708	TANK 708 (168,000 BBL CAPACITY)
709	TANK 709 (180,000 BBL CAPACITY)
710	TANK 710 (180,000 BBL CAPACITY)
711	TANK 711 (180,000 BBL CAPACITY)
715	TANK 715 (150,000 BBL CAPACITY)

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.**# 001 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11092]****Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What testing and monitoring requirements must I meet?**

In accordance with 40 CFR Section 63.11092 (e)(1), the owner/operator of a gasoline storage tank equipped with an internal floating roof, must perform inspections of the floating roof system according to the requirements of 40 CFR Section 60.113b(a), if they are complying with option 2(b) in Table 1 to 40 CFR Part 63 Subpart BBBBBB.

In accordance with 40 CFR Sections 60.13(i) and 63.8(f),

Compliance with this requirement may also be demonstrated by following the top-side in-service inspection procedures outlined in the Alternative Monitoring Plan approved by U.S. EPA on July 8, 2015 [Condition #019 of this Section of the Permit].

IV. RECORDKEEPING REQUIREMENTS.**# 002 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

Throughput shall be recorded on a monthly basis. These records shall be made available to the Department upon request.

003 [25 Pa. Code §129.56]**Storage tanks greater than 40,000 gallons capacity containing VOCs**

The permittee shall keep records of the types of volatile petroleum liquids stored, the maximum true vapor pressure of the liquid as stored, and the results of the inspections performed on all the tanks listed in this source group.

004 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11089]**Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What requirements must I meet for equipment leak inspections if my facility is a bulk gasoline terminal, bulk plant, pipeline breakout station, or pipeline pumping station?**

**SECTION E. Source Group Restrictions.**

Pursuant to 40 CFR Section 63.11089(b),

A log book shall be used and shall be signed by the owner or operator at the completion of each inspection, conducted in accordance with 40 CFR Section 63.11089(a). A section of the log book shall contain a list, summary description, or diagram(s) showing the location of all equipment in gasoline service at the facility.

005 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11094]

Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities

What are my recordkeeping requirements?

Pursuant to 40 CFR Section 63.11094(a), the owner/operator of this gasoline storage tank shall

(a) Keep a record of each inspection performed as required by 40 CFR Section 60.113b(a)(1), (a)(2) or (a)(4). Each record shall identify the storage vessel on which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment (seals, internal floating roof, and fittings).

(b) If any failure is detected, as described by 40 CFR Section 60.113b(a)(2), a report shall be furnished to the Administrator within 30 days of the inspection. Each report shall identify the storage vessel, the nature of the defects, and the date the storage vessel was emptied or the nature of and date the repair was made.

(c) When the Alternate Monitoring Plan approved by U.S. EPA on July 8, 2015 is in effect, the permittee shall comply with the recordkeeping and reporting requirements of the Plan.

(d) The permittee shall keep a record of the tank inspection plan in use or the Alternate Monitoring Plan approved by U.S. EPA on July 8, 2015.

006 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11094]

Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities

What are my recordkeeping requirements?

(a) Pursuant to 40 CFR Section 63.11094(d), the owner/operator shall prepare and maintain a record describing the types, identification numbers, and locations of all equipment in gasoline service.

(b) Pursuant to 40 CFR Section 63.11094(e), the owner/operator shall record the following information in the log book for each leak detected during each inspection conducted in accordance with 40 CFR Section 63.11089:

- (1) the equipment type and identification number;
- (2) the nature of the leak (i.e. vapor or liquid) and the method of detection (i.e. sight, sound, or smell);
- (3) the date the leak was detected and the date of each attempt to repair the leak;
- (4) repair methods applied in each attempt to repair the leak;
- (5) "repair delayed" and the reason for the delay if the leak is not repaired within 15 calendar days after discovery of the leak;
- (6) the expected date of successful repair of the leak if the leak is not repaired within 15 days;
- (7) the date of successful repair of the leak.

007 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11094]

Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities

What are my recordkeeping requirements?

Pursuant to 40 CFR Section 63.11094(g), the owner/operator shall:

(a) Keep records of the occurrence and duration of each malfunction of operation (i.e. process equipment) or the air pollution control equipment.

(b) Keep records taken during periods of malfunction to minimize emissions in accordance with 40 CFR Section 63.11085(a), including corrective actions to restore malfunctioning process and air pollution control equipment to its normal or usual manner of operation.

**SECTION E. Source Group Restrictions.****V. REPORTING REQUIREMENTS.****# 008 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11095]****Subpart BBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What are my reporting requirements?**

(a) Pursuant to 40 CFR Sections 63.11095(a)(1),(3) and (4), the owner/operator shall submit a semiannual report to the Administrator containing the following information:

- (1) the information recorded in Condition #005 for the tank inspections;
- (2) the number of equipment leaks not repaired within 15 days after detection;
- (3) for storage vessels complying with 40 CFR Section 63.11087 (b) after January 10, 2011, the storage vessel's Notice of Compliance Status in accordance with 40 CFR Section 63.9 (h) in the next semiannual compliance report after compliance is achieved.

(b) Pursuant to 40 CFR Section 63.11095(b)(5), the owner/operator shall submit an excess emissions report at the time the semiannual compliance report is submitted. The excess emissions report shall include, for each occurrence of an equipment leak for which no repair attempt was made within 5 days or for which repair was not completed within 15 days, the following information:

- (1) the date on which the leak was detected;
- (2) the date of each attempt to repair the leak;
- (3) the reasons for delay of repair; and
- (4) the date of successful repair.

(c) Pursuant to 40 CFR Section 63.11095(d), the owner/operator shall submit a semiannual report including the number, duration and a brief description of each type of malfunction which occurred during the reporting period and which caused or may have caused any applicable emission limitation to be exceeded. The report must also include a description of actions taken during each malfunction to minimize emissions in accordance with 40 CFR Section 63.11085(a), including actions to correct a malfunction. No malfunction report is due if there were no malfunctions during the reporting period.

[These reports may be combined with the certification of compliance and deviation reporting.]

VI. WORK PRACTICE REQUIREMENTS.**# 009 [25 Pa. Code §129.56]****Storage tanks greater than 40,000 gallons capacity containing VOCs**

The permittee shall perform routine inspections annually on all the tanks listed under this source group.

010 [25 Pa. Code §129.56]**Storage tanks greater than 40,000 gallons capacity containing VOCs**

The permittee shall not place, store, or hold, in this internal floating roof tank, any Volatile Organic Compound (VOC) with a vapor pressure greater than or equal to 11.0 psia under actual storage conditions.

011 [25 Pa. Code §129.56]**Storage tanks greater than 40,000 gallons capacity containing VOCs**

The vapor pressure under actual storage conditions shall be determined using a temperature which is representative of the average storage temperature for the hottest month of the year in which such storage takes place.

012 [25 Pa. Code §129.56]**Storage tanks greater than 40,000 gallons capacity containing VOCs**

The internal floating roof must be fitted with a primary seal and must comply with the following equipment requirements:

- (a) A closure seal, or seals, to close the space between the roof edge and tank wall is used.
- (b) There are no holes, tears, or other openings in the seal or any seal fabric or materials.
- (c) Openings except stub drains are equipped with covers, lids or seals such that:
 - (1) The cover, lid or seal is in the closed position at all times except when in actual use;
 - (2) Automatic bleeder vents are closed at all times except when the roof is floated off or landed on the roof leg supports.
 - (3) Rim vents, if provided are set to open when the roof is being floated off the roof leg supports or at the recommended

**SECTION E. Source Group Restrictions.**

setting of the manufacturer.

013 [25 Pa. Code §129.56]**Storage tanks greater than 40,000 gallons capacity containing VOCs**

[Additional authority for this condition is derived from 40 CFR Sections 63.11092(e), 60.13(i) and 63.8(f)].

(a) If a failure is detected during the annual inspection, the permittee shall repair the item(s) or empty and remove the storage vessel from service within forty-five (45) days. If the failure cannot be repaired within the forty-five (45) days and the vessel cannot be emptied within forty-five (45) days, a thirty (30) day extension may be requested from the Department. A request for extension shall document that alternate storage is unavailable and specify a schedule of actions that the permittee will take that will assure that the equipment will be repaired or the vessel will be emptied as soon as possible but within the additional thirty (30) day time requested.

(b) The request for the extension may be requested from the Administrator in the inspection report required in 40 CFR Section 60.115b(a)(3).

(c) If a failure is detected during the inspection using the Alternate Monitoring Plan approved by the U. S. EPA on July 8, 2015, the permittee shall comply with the appropriate work practices and reporting procedures of the Plan.

014 [25 Pa. Code §129.62]**General standards for bulk gasoline terminals/plants, and small gasoline storage tanks**

Gasoline may not be spilled or discarded in sewers or stored in open containers or handled in a manner that would result in uncontrolled evaporation to the atmosphere.

015 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11085]**Subpart BBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What are my general duties to minimize emissions?**

Pursuant to 40 CFR Section 63.11085(a),

the owner/operator shall at all times, operate and maintain any affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. Determination of whether such operation and maintenance procedures are being used will be based on information available to the Administrator, which may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source.

016 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11092]**Subpart BBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What testing and monitoring requirements must I meet?**

[Additional authority for this condition is derived from 25 Pa. Code Section 127.441.]

The owner/operator shall perform inspections of each gasoline tank with an internal floating roof according to the requirements of 40 CFR Section 60.113b(a)(1),(2),(3) and (4) to include the following:

(a) Visually inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service), prior to filling the storage vessel. If there are holes, tears, or other openings in the primary seal, the secondary seal, or the seal fabric or defects in the internal floating roof, or both, the owner or operator shall repair the items before filling the storage vessel.

(b) For vessels equipped with a liquid-mounted or mechanical shoe primary seal, visually inspect the internal floating roof and the primary seal or the secondary seal (if one is in service) through manholes and roof hatches on the fixed roof at least once every 12 months after initial fill. If the internal floating roof is not resting on the surface of the liquid inside the storage vessel, or there is liquid accumulated on the roof, or the seal is detached, or there are holes or tears in the seal fabric, a failure is detected.

[Compliance with this condition assures compliance with the inspection conducted under 25 Pa. Code Section 129.56(c)(1)]

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and (2)]

(c) For vessels equipped with a double-seal system as specified in 40 CFR Section 60.112b(a)(1)(ii)(B) or a vapor mounted system pursuant to 40 CFR Section 63.11087(a), visually inspect the vessel as specified in paragraph (b) of this Condition.

(d) Visually inspect the internal floating roof, the primary seal, the secondary seal (if one is in service), gaskets, slotted membranes and sleeve seals (if any) each time the storage vessel is emptied and degassed. If the internal floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, or the gaskets no longer close off the liquid surfaces from the atmosphere, or the slotted membrane has more than 10 percent open area, the owner or operator shall repair the items as necessary so that none of the conditions specified in this paragraph exist before refilling the storage vessel. In no event shall inspections conducted in accordance with this provision occur at intervals greater than 10 years.

017 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11089]

Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities

What requirements must I meet for equipment leak inspections if my facility is a bulk gasoline terminal, bulk plant, pipeline breakout station, or pipeline pumping station?

(a) The owner/operator shall perform a monthly leak inspection of all equipment in gasoline service, as defined in 40 CFR Section 63.11100. For this inspection, detection methods incorporating sight, sound, and smell are acceptable.

(b) Each detection of a liquid or vapor leak shall be recorded in the log book. When a leak is detected, an initial attempt at repair shall be made as soon as practicable, but no later than 5 calendar days after the leak is detected. Repair or replacement of leaking equipment shall be completed within 15 calendar days after detection of each leak, except as provided in paragraph (c) of this condition.

(c) Delay of repair of leaking equipment will be allowed if the repair is not feasible within 15 days. The owner or operator shall provide in the semiannual report specified in 40 CFR Section 63.11095(b), the reason(s) why the repair was not feasible and the date each repair was completed.

018 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11087]

Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities

What requirements must I meet for gasoline storage tanks if my facility is a bulk gasoline terminal, pipeline breakout station, or pipeline pumping station?

[Additional authority for this condition is derived from 25 Pa. Code Section 127.441.]

Pursuant to 40 CFR Section 63.11087(a),

The owner/operator shall equip each internal floating tank that may be used for gasoline storage, according to the requirements of 40 CFR Section 60.112b(a)(1) except for the secondary seal requirements under 40 CFR Section 60.112b(a)(1)(ii)(B) and the requirements in 40 CFR Section 60.112b(a)(1)(iv) through (ix).

These requirements include the following

(1) The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal floating roof shall be floating on the liquid surface at all times, except during initial fill and during those intervals when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible.

(2) Each internal floating roof shall be equipped with one of the following closure devices between the wall of the storage vessel and the edge of the internal floating roof:

(i) A foam-or liquid-filled seal mounted in contact with the liquid (liquid-mounted seal). A liquid-mounted seal means

**SECTION E. Source Group Restrictions.**

a foam-or liquid-filled seal mounted in contact with the liquid between the wall of the storage vessel and the floating roof continuously around the circumference of the tank.

(ii) Two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the internal floating roof. The lower seal may be vapor-mounted, but both must be continuous. Pursuant to 40 CFR Section 63.11087(a) and Table 1 (b), a secondary seal is not required.

(iii) A mechanical shoe seal. A mechanical shoe seal is a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and is connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof.

(3) Each opening in a noncontact internal floating roof except for automatic bleeder vents (vacuum breaker vents) and the rim space vents is to provide a projection below the liquid surface.

VII. ADDITIONAL REQUIREMENTS.**# 019 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.8]****Subpart A--General Provisions****Monitoring requirements.**

[Additional authority for this permit condition is from 40 CFR Sections 63.8(f) and 60.13(i).]

(a) The following is the top-side in-service internal inspection methodology approved by the EPA on July 8, 2015 as the Alternate Monitoring Plan (AMP).

MIPC requested and received approval that certain IFR storage tanks with uniform and specific roof, deck, and seal configurations be subject to the approved AMP. Specifically, MIPC's AMP only includes the IFR storage tanks that are full contact aluminum honeycomb panel constructed decks with mechanical shoe primary and secondary seals in tanks with geodesic dome roofs. The geodesic dome roofs are equipped with skylights for enhanced natural lighting for top-side in-service deck inspections. The Table in part (b) of this condition summarizes the specific tanks for which EPA approved the AMP. EPA approved a top-side in-service deck inspection procedure as an acceptable alternative to the out-of-service internal inspection requirements described in 40 CFR Part 63 Subpart BBBBBB and 40 CFR Part 60 Subpart Kb. EPA specifically approved the following top-side in-service internal inspection procedures:

- If a Subpart BBBBBB or Subpart Kb tank listed in the Table in part (b) of this condition has not been emptied and degassed within the applicable five (5) or 10 year period, MIPC will conduct the internal inspection on the tank while it is in service. This means that MIPC will perform the internal inspection entirely from the top-side of the floating roof. Absent an independent need to empty or degass the tank for some reason other than the Subpart Kb internal inspection, MIPC will then not perform the Subpart Kb internal inspection for another five (5) or 10 years, as applicable. Each time a Subpart BBBBBB or Subpart Kb IFR tank included in this AMP is emptied and degassed, however, MIPC will perform an internal inspection while the tank is out-of-service, as required under 40 CFR §60.113b(a)(4). A full top-side and bottom side inspection of the deck and seals will be conducted whenever the tank is emptied and degassed for maintenance or integrity assessments. Based on the average API 653 inspection interval, these emptied and degassed out-of-service events would typically occur every 20 years.

- While performing an in-service internal inspection, MIPC will also measure and seal gaps on its Subpart BBBBBB or Subpart Kb tanks listed in the Table in part (b) of this condition. For the seals, MIPC will document the following:

(1) The location and dimensions of any seal gaps in both the primary and secondary seals that are greater than 1/8 inches in width (gap between the seal and the tank wall).

(2) The location and dimension of any holes, tears, or other openings in the seal fabric of either the primary or secondary seals.

- The following conditions would constitute inspection failure under a top-side in-service internal inspection:

(1) Stored liquid on the floating roof.

(2) Holes or tears in the primary or secondary seal (if one is present).

(3) Floating roof deck, deck fittings, or rim seals that are not functioning as designed, as specified in 40 CFR



SECTION E. Source Group Restrictions.

§60.112b(a)(1)(i)-(ix).

(4) Failure to comply with the operational requirements of 40 CFR §60.112(b)(a)(1)(i)-(ix).

(5) Gaps of more than 1/8 inch between any deck fitting gasket, seal, or wiper and any surface that it is intended to seal.

• If failures are detected during an in-service internal inspection, MIPC will comply with the reporting requirements of 40 CFR §115b(a)(3), except that records will be kept for at least five (5) years consistent with the underlying Subpart BBBBBB. MIPC will also comply with the reporting and recordkeeping requirements under 40 CFR §60.115b(a)(2) through (4) for seal gap measurements, as applicable, except that records will be kept for at least five (5) years consistent with the underlying Subpart BBBBBB regulations.

• If any of the inspection failure conditions identified above are detected during an in-service internal inspection, MIPC will comply with the repair requirements of 40 CFR §60.113b(a)(2), which would require MIPC to repair the items or remove the storage vessel from service within 45 days. If a failure that is detected during inspections cannot be repaired within 45 days and if the vessel cannot be emptied within 45 days, a 30 day extension may be requested in the inspection report required in 40 CFR §60.115b(a)(3).

(b) Table:

Summary of Internal Floating Roof Tanks Subject to Proposed Alternative Monitoring Plan

Tank	Year Built	Program
700	1947	40 CFR Part 63 Subpart BBBBBB; By cross reference, 40 CFR Part 60 Subpart Kb
701	1950	40 CFR Part 63 Subpart BBBBBB; By cross reference, 40 CFR Part 60 Subpart Kb
702	1951	40 CFR Part 63 Subpart BBBBBB; By cross reference, 40 CFR Part 60 Subpart Kb
703	1951	40 CFR Part 63 Subpart BBBBBB; By cross reference, 40 CFR Part 60 Subpart Kb
704	1955	40 CFR Part 63 Subpart BBBBBB; By cross reference, 40 CFR Part 60 Subpart Kb
706	1947	40 CFR Part 63 Subpart BBBBBB; By cross reference, 40 CFR Part 60 Subpart Kb
707	1947	40 CFR Part 63 Subpart BBBBBB; By cross reference, 40 CFR Part 60 Subpart Kb
708	1951	40 CFR Part 63 Subpart BBBBBB; By cross reference, 40 CFR Part 60 Subpart Kb
709	1955	40 CFR Part 63 Subpart BBBBBB; By cross reference, 40 CFR Part 60 Subpart Kb
710	1955	40 CFR Part 63 Subpart BBBBBB; By cross reference, 40 CFR Part 60 Subpart Kb
711	1955	40 CFR Part 63 Subpart BBBBBB; By cross reference, 40 CFR Part 60 Subpart Kb
715	1947	40 CFR Part 63 Subpart BBBBBB; By cross reference, 40 CFR Part 60 Subpart Kb

*** 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		
151	FIRE PUMP 237 HP		
Emission Limit		Pollutant	
2.600	GRAMS/HP-Hr		CO
3.000	GRAMS/HP-Hr	NMHC + NOx	NMHC
3.000	GRAMS/HP-Hr	NMHC + NOx	NOX
0.150	GRAMS/HP-Hr	particulate matter	TSP

Site Emission Restriction Summary

Emission Limit	Pollutant
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**SECTION H. Miscellaneous.**

The following source is present on site and was exempt under RFD, submitted by ConocoPhillips on May 6, 2011:

Groundwater Air Stripping and Soil Vapor Extraction Remediation System, comprising air strippers, carbon beds, vapor extraction system, catalytic oxidizer and ancillary equipment.

The Groundwater Air Stripping and Soil Vapor Extraction Remediation System is owned by Phillips 66 Co, who succeeded ConocoPhillips as owner of the source, and operated by GHD Services.

The Department has determined that the emissions from the following activities, excluding those indicated as site level requirements, in Section C, of this permit, does not require additional limitations, monitoring, or recordkeeping.

- 3 distillate fuel tanks
- 1 of 400 gallons capacity
- 1 of 500 gallons capacity
- 1 of 350 gallons capacity

On July 21, 2017, a letter authorizing a reduction in monitoring frequency for odors, visible and fugitive emissions, pursuant to Section C, Condition #010 (2018 issuance), to monthly was sent by the Department to the company.

Operating Permit TVOP 23-00041 issuance summary:

1. APS: 558193, Auth ID - 599179. Permit change due to change of ownership link in eFACTS. No permit issued at this time.
2. February 2007. APS: 345799, AUTH: 644715. The Department renewed the Title V permit. There are no new regulations and no sources at the facility are subject to CAM at this time. The Department has changed the compliance certification and deviation reporting dates and periods at this renewal.
3. April 2011, APS: 558193, AUTH: 874239. An administrative amendment for change in responsible official, permit contact and mailing address.
4. June, 2012, APS: 783198, AUTH 930682. Change in Ownership from ConocoPhillips to Phillips 66.
5. APS: 787260, AUTH: 936761. Change in Ownership from Phillips 66 to Monroe Energy LLC.
6. APS: 792611, AUTH 945193. The Department renewed the Operating Permit. The renewal includes a Change in Ownership from Monroe Energy LLC to Monroe Interstate Pipeline Co. LLC.

Tank 701, which has been out of service, was removed from the Site Inventory List. The office heater has been replaced. The existing emergency generator and existing distillate fuel tanks are included with the Miscellaneous sources. The following new regulations are included:

40 CFR Part 63, Subpart BBBB, National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities, applicable to Source IDs 700,702,703,704,706,707,708,709,710,711,715. The Subpart is incorporated considering compliance with option (b) of Table 1 of Subpart BBBB as indicated in the notification of Compliance Status for Subpart BBBB, submitted by former owner ConocoPhillips, in accordance with 40 CFR Section 63.11093(b).

40 CFR Part 63 Subpart JJJJJ, National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial and Institutional Boilers Area Sources, applicable to the office heater listed in the Miscellaneous Section.

40 CFR Part 63 Subpart ZZZZ, National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (RICE), applicable to the emergency generator listed in the Miscellaneous Section.

The following changes are made to Site Level Requirements. The Condition Number references the Condition Number in the March 13, 2007 issuance.

**SECTION H. Miscellaneous.**

#010 The phrase "the Department may determine" is removed from Section (a)(1) and the phrase "the semi-annual report of monitoring and recordkeeping" from Section (e).

#013 The phrase "or associated air pollution control devices" is added to Section (a).

#014 The introductory sentence is removed. The requirement to submit the annual certification to the Department in paper form and to the EPA in electronic form is added.

#016 The requirement to include Miscellaneous sources in the source report is added.

#019 The phrase "and air pollution control devices" is added to the condition.

Additional:

Requirements of 25 Pa. Code Section 127.11(a) through (c) and 127.215 (a) and (b) relating to deactivation and reactivation of sources are included in Section C.

7. APS: 806038, AUTH: 966803. The operating permit is administratively amended in order to correct the name of the owner/operator to MIPC, LLC.

8. APS:806038, AUTH: 976614. The operating permit is administratively amended in order to incorporate the requirements of GP2-23-0229. The incorporation of the GP includes the addition of Tank 701 to the Site Inventory and inclusion of the requirements of the "all Tanks" group. With this opening of the Operating Permit, the specific requirements of 40 CFR Part 63 Subpart JJJJJJ, National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial and Institutional Boilers Area Sources, applicable to the office heater (Source ID 031) and 40 CFR Part 63 Subpart ZZZZ, National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (RICE), applicable to the emergency generator (Source ID 150) are included. A recordkeeping condition to track the oil changes required by 40 CFR Section 63.6603(a) is included. A condition limiting the hours of testing of the emergency engine during the ozone season is also included.

With this opening of the permit, the No. 2 fuel oil sulfur limitations of 25 Pa. Code Section 123.22 and the related testing requirements of 25 Pa. Code Section 139.16 are included in Section D, Source ID 031.

This issuance also includes the following corrections:

Section D

Condition #013

The regulatory reference is corrected to 40 CFR Section 63.11092(e)(1).

Condition #017(b)

The reference is corrected to Condition #004.

9. APS: 806038, AUTH: 995673.

The requirements of Section D, Source ID 150 Condition #011 of the previous issuance (APS: 806038, AUTH 976614) limiting testing of the generator during the ozone season are removed.

The title and phone number of the permit contact are updated.

10. APS: 792611, AUTH 1156690 December, 2016

This issuance incorporates presumptive RACT II requirements for the Emergency Generator 150 kW. The presumptive RACT is maintenance and operation in accordance with manufacturer's specifications and with good operating practices. A reference to the existing condition in Section C was included with the source conditions in Section D. The RACT II work practice requirement was combined with the work practice requirement of 40 CFR Part 63 Subpart ZZZZ.

The tanks (Source IDs 700, 701, 702, 703, 704, 706, 707, 708, 709, 710, 711, 715) are exempt from RACT II, based on Pennsylvania Code applicability, pursuant to 25 Pa. Code Section 129.96 (a). The Office Heater is exempt from RACT II, based on potential to emit < 1 ton/year VOC, pursuant to 25 Pa. Code Section 129.96(c).

**SECTION H. Miscellaneous.**

With this opening of the operating permit, the responsible official was changed to Coby Stewart.

11. APS: 806038, AUTH: 1177677 July, 2018
The Operating Permit is renewed.

The following changes are made with the renewal issuance. Condition numbers refer to the 1/3/2017 modified issuance.

Cover Page

The responsible official and the permit contact are changed to Christine Shorokey and Julie M Andersen.

Section A

The Fire Pump Source is included in the Inventory and Permit Map.

Section C

The following standard conditions were updated to reflect current DEP guidelines.

#002
#003
#007
#010
#018
#020

Condition #014(a), #018, #019, #022, #023
The permit references were corrected.

Condition #15(b)(2)

A notation is included that the mailing address for EPA is to be used only if an electronic mailbox is not available.

Section D

Source ID 031

Conditions #001, #003

References to pre- July 1 , 2016 requirements were removed since they are no longer applicable.

Condition #002

A note was included with the condition that the fuel oil sulfur testing would be at the request of the Department, as compliance routinely would be demonstrated by the record received from the supplier.

Condition #004

The condition was removed since it applies to pre - July 1, 2016 requirements.

Condition #013(a)

The manufacturer of the office heater was added to the description.

Condition #013 (c)

The initial compliance date was removed, since its requirement has been met.

Section D – Source ID 150

In response to the US Court of Appeals vacatur in 2016, the following changes were made.

Condition #001 -

*References to 40 CFR 63.6640(f)(2)(ii) and (iii) were removed as operation in this mode is not allowed for an emergency engine.

Condition #002 –

*Paragraphs (2)(ii) and (iii), describing emergency demand response were removed.

*“Emergency demand response” was removed from the initial and from paragraph (3).

**SECTION H. Miscellaneous.**

Condition #007(b), #009 (1) (v) and (vi) – conditions related to operation specified by 40 CFR Sections 63.6640(f)(2)(ii) and (iii) were removed.

The following Additional Condition was included with Condition #016.

Pursuant to the vacatur of the U. S. Court of Appeals, this emergency engine may not operate for the purposes in 40 CFR Sections 63.6640(f)(2)(ii)-(iii)

Condition #002 (3)(i) was removed as it applies only before May 3, 2014

Condition #009 (2)

The condition pertaining to the initial annual report submission was removed

Condition #012(a)

The regulatory citation was corrected.

Condition #016(c) pertaining to the initial compliance date was removed.

Section D - Source ID 151

The source and requirements of 40 CFR Part 60 Subpart IIII were included.

Section E -all tanks

Condition #001

The alternate compliance demonstration via EPA approved Alternate Monitoring Plan (July 8, 2015) is included as an option.

Condition #005

A condition is added that a record be kept of the tank monitoring plan in effect.

Condition #008(a), the regulatory citation is corrected to 40 CFR Sections 63.11095(a)(1), (3) and (4).

Condition #018(b)

The compliance date was removed since the company has met the requirements.

Additional

The Alternate Monitoring Plan approved by EPA on July 8, 2015 was included.

Section H, Miscellaneous

*Changes made with the renewal are noted.

*An additional fuel tank was included.

*A notation was included that a letter authorizing monthly facility monitoring was sent to the company.

AUTH: 1415670

This TVOP has been renewed.

GP 2-23-0236 was issued in June 2022 for the reactivation of Storage Tank 711. The GP has been incorporated into the renewal permit.



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