



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

TITLE V/STATE OPERATING PERMIT

Issue Date:	April 18, 2022	Effective Date:	November 9, 2022
Revision Date:	November 9, 2022	Expiration Date:	May 3, 2027
Revision Type:	Modification		

In accordance with the provisions of the Air Pollution Control Act, the Act of January 8, 1960, P.L. 2119, as amended, and 25 Pa. Code Chapter 127, the Owner, [and Operator if noted] (hereinafter referred to as permittee) identified below is authorized by the Department of Environmental Protection (Department) to operate the air emission source(s) more fully described in this permit. This Facility is subject to all terms and conditions specified in this permit. Nothing in this permit relieves the permittee from its obligations to comply with all applicable Federal, State and Local laws and regulations.

The regulatory or statutory authority for each permit condition is set forth in brackets. All terms and conditions in this permit are federally enforceable applicable requirements unless otherwise designated as "State-Only" or "non-applicable" requirements.

TITLE V Permit No: 23-00040

Federal Tax Id - Plant Code: 23-2704007-2

Owner Information

Name: LAUREL PIPE LINE CO LP
Mailing Address: 3398 GARNET MINE RD
GARNET VALLEY, PA 19060-1720

Plant Information

Plant: LAUREL PIPELINE CO LP/BOOTHWYN BREAKOUT STATION
Location: 23 Delaware County 23935 Bethel Township
SIC Code: 4613 Trans. & Utilities - Refined Petroleum Pipelines

Responsible Official

Name: DAVID TENCH
Title: OPERATIONS MGR
Phone: (610) 808 - 9713 Email: dtench@buckeye.com

Permit Contact Person

Name: TIMOTHY CONLIN
Title: HSSE SPECIALIST
Phone: (484) 232 - 4414 Email: TConlin@buckeye.com

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



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Note: These same sub-sections are repeated for each source!

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**SECTION A. Site Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
101	TANK 1 (FIXED ROOF)	100.000 Th Gal/HR	PETROLEUM LIQUID
102	TANK 2 (FIXED ROOF)	100.000 Th Gal/HR	PETROLEUM LIQUID
103	TANK 3 (FIXED ROOF)	100.000 Th Gal/HR	PETROLEUM LIQUID
104	TANK 4 (FIXED ROOF)	100.000 Th Gal/HR	PETROLEUM LIQUID
105	TANK 5 (FIXED ROOF)	100.000 Th Gal/HR	PETROLEUM LIQUID
106	TANK 6 (FIXED ROOF)	100.000 Th Gal/HR	PETROLEUM LIQUID
107	TANK 7 (FIXED ROOF)	100.000 Th Gal/HR	PETROLEUM LIQUID
108	TANK 8 (FIXED ROOF)	100.000 Th Gal/HR	PETROLEUM LIQUID
109	TANK 9 (EXT. FLOATING ROOF)	100.000 Th Gal/HR	PETROLEUM LIQUID
110	TANK 10 (EXT. FLOATING ROOF)	100.000 Th Gal/HR	PETROLEUM LIQUID
111	TANK 11 (EXT. FLOATING ROOF)	100.000 Th Gal/HR	PETROLEUM LIQUID
112	TANK 12 (EXT. FLOATING ROOF)	100.000 Th Gal/HR	PETROLEUM LIQUID
113	TANK 13 (EXT. FLOATING ROOF)	100.000 Th Gal/HR	PETROLEUM LIQUID
114	TANK 14 (EXT. FLOATING ROOF)	100.000 Th Gal/HR	PETROLEUM LIQUID
115	TANK 15 (EXT. FLOATING ROOF)	100.000 Th Gal/HR	PETROLEUM LIQUID
116	TANK 16 (EXT. FLOATING ROOF)	100.000 Th Gal/HR	PETROLEUM LIQUID
117	TANK 17 (EXT. FLOATING ROOF)	100.000 Th Gal/HR	PETROLEUM LIQUID
118	TANK 18 (INT. FLOATING ROOF)	100.000 Th Gal/HR	PETROLEUM LIQUID
119	TANK 19 (EXT. FLOATING ROOF)	100.000 Th Gal/HR	PETROLEUM LIQUID
131	PUMPS, VALVES & FLANGES	54.800 Th Gal/HR	PETROLEUM LIQUID
132	SUMPS (MAIN PRODUCT)	248.000 Gal/HR	PETROLEUM LIQUID
731	BACK-UP GENERATOR	100.000 Gal/HR	#2 Oil
S03	GENERATOR STACK		
Z01	TANK EMISSIONS		
Z02	TANK EMISSIONS		
Z03	TANK EMISSIONS		
Z04	TANK EMISSIONS		
Z05	TANK EMISSIONS		
Z06	TANK EMISSIONS		
Z07	TANK EMISSIONS		
Z08	TANK EMISSIONS		
Z09	TANK EMISSIONS		
Z10	TANK EMISSIONS		
Z11	TANK EMISSIONS		
Z12	TANK EMISSIONS		
Z13	TANK EMISSIONS		
Z131	PUMPS, VALVES EMISSIONS		
Z14	TANK EMISSIONS		
Z15	TANK EMISSIONS		
Z16	TANK EMISSIONS		

**SECTION A. Site Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
Z17	TANK EMISSIONS		
Z18	TANK EMISSIONS		
Z19	TANK EMISSIONS		
Z22	SUMP EMISSIONS		

PERMIT MAPS

PROC 101	→	STAC Z01
PROC 102	→	STAC Z02
PROC 103	→	STAC Z03
PROC 104	→	STAC Z04
PROC 105	→	STAC Z05
PROC 106	→	STAC Z06
PROC 107	→	STAC Z07
PROC 108	→	STAC Z08
PROC 109	→	STAC Z09
PROC 110	→	STAC Z10
PROC 111	→	STAC Z11
PROC 112	→	STAC Z12

**PERMIT MAPS**

PROC
113 → STAC
Z13

PROC
114 → STAC
Z14

PROC
115 → STAC
Z15

PROC
116 → STAC
Z16

PROC
117 → STAC
Z17

PROC
118 → STAC
Z18

PROC
119 → STAC
Z19

PROC
131 → STAC
Z131

PROC
132 → STAC
Z22

PROC
731 → STAC
S03

**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.

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(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 § 127.513]**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

**SECTION B. General Title V Requirements**

the date of issuance of this Title V Operating Permit, or on the submittal date specified elsewhere in the permit, to the Department in accordance with the submission requirements specified in Section B, Condition #022 of this permit. The Title V compliance certification shall be emailed to EPA at R3_APD_Permits@epa.gov.

#025 [25 Pa. Code §§ 127.511 & Chapter 135]**Recordkeeping Requirements**

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

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

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

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

#026 [25 Pa. Code §§ 127.411(d), 127.442, 127.463(e) & 127.511(c)]**Reporting Requirements**

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

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

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

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

**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 may 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 may permit the emission into the outdoor atmosphere of a fugitive air contaminant from a source other than the following:

- (a) Construction or demolition of buildings or structures.
- (b) Grading, paving and maintenance of roads and streets.
- (c) 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.
- (d) Clearing of land.
- (e) Stockpiling of materials.
- (f) Open burning operations, as specified in 25 Pa. Code § 129.14.
- (g) Sources and classes of sources other than those identified in paragraphs (a) - (f), 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:

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

(2) 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 may not permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in 25 Pa. Code § 123.1(a)(1)-(9) (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 may not permit the emission into the outdoor atmosphere of any malodorous air contaminants from any source in such a manner that the malodors are detectable outside the property of the person on whose land the source is being operated.

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

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

- (a) Equal to or greater than 20% for a period or periods aggregating more than three (3) minutes in any one (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.

**SECTION C. Site Level Requirements**

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

(c) When the emission results from the sources specified in 25 Pa. Code § 123.1(a)(1)-(9) (relating to prohibition of certain fugitive emissions).

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

The permittee shall ensure that the emissions of hazardous air pollutant (HAP) from the facility shall be less than 25 tons per year for any combination of HAPs and less than 10 tons per year for any single HAP.

008 [25 Pa. Code §129.14]**Open burning operations**

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

- (a) A fire set to prevent or abate a fire hazard, when approved by the Department and set by or under the supervision of a public officer.
- (b) A fire set for the purposes 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.
- (r) A fire set solely for recreational or ceremonial purposes.
- (g) A fire set solely for cooking food.

II. TESTING REQUIREMENTS.**# 009 [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 and the most current version of the DEP Source Testing Manual, 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.

010 [25 Pa. Code §139.16]**Sulfur in fuel oil.**

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

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

**SECTION C. Site Level Requirements**

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

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

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

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

Visible emissions may 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.

012 [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).
 - (3) Fugitive Particulate Matter (as per 25 Pa. Code §§ 123.1 and 123.2).
 - (b) Objectionable odors, fugitive particulate emissions, and visible emissions that are caused or may be caused by operations at the site shall:
 - (1) Be investigated.
 - (2) Be reported to the facility management, or individual(s) designated by the permittee.
 - (3) Have appropriate corrective action taken (for emissions that originate on-site);
 - (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.
- The permittee has authorization to perform the following monitoring monthly per paragraph (d) of this condition and the letter dated November 16, 2021.
- (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 and the semi-annual report of monitoring and record keeping, complaints, monitoring results, and/or Department findings.

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

The permittee shall calculate and monitor the total pollutant emissions from this facility on a monthly basis.

**SECTION C. Site Level Requirements****IV. RECORDKEEPING REQUIREMENTS.****# 014 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

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

- (a) emissions increases of minor significance without notification to the Department.
- (b) de minimis increases without 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.

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

(a) The permittee shall record all spills/releases of petroleum liquids, of the following amounts:

- (i) A release of more than twenty-five (25) gallons to a containment area, structure or facility around an aboveground storage tank;
- (ii) A release of more than five (5) gallons to a synthetic surface, such as asphalt or concrete;
- (iii) A release of more than one (1) gallon to surface soils.

(b) Information to be recorded, at a minimum, shall be the following:

- (i) The quantity of substance involved;
- (ii) The date and time the release occurred;
- (iii) Interim remedial action planned, initiated, and/or completed.

(c) The permittee shall keep these records at the site location for a period of five (5) years, in a format approved by the Department, and shall make them available to the Department upon request.

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

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

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

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

The permittee shall keep records, on a monthly basis calculated as a 12-month rolling sum of the total emissions of CO, NO_x, PM, SO_x, VOC, and HAPs from the facility.

V. REPORTING REQUIREMENTS.**# 018 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(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

**SECTION C. Site Level Requirements**

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

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

(c) The report shall describe the following:

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

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

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

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

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

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

(a) The permittee shall notify the Department as soon as practicable of any release of gasoline or any other volatile organic compound that is not under control, not completely contained and not completely recovered within two (2) hours of its occurrence at (484) 250-5920. A release is defined as, but is not limited to:

(i) A release of more than twenty-five (25) gallons to a containment area, structure or facility around an aboveground storage tank;

(ii) A release of more than five (5) gallons to a synthetic surface, such as asphalt or concrete;

(iii) A release of more than one (1) gallon to surface soils.

(b) The permittee shall describe, to the extent information is available:

(i) The quantity of substance involved;

(ii) Date and time the release occurred;

(iii) Actual or potential danger to public health;

**SECTION C. Site Level Requirements**

(iv) Interim remedial actions planned, initiated, or completed.

020 [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(c)(1)–(2) and 127.513(5)(i)–(v).]

The permittee shall submit the following reports in accordance with Conditions #024(a)–(b) and #025(b), Section B, of this permit, respectively:

(a) An annual certificate of compliance, by April 1, of each year, for the period covering January 1–December 31, of the previous year;

(b) A semi-annual deviation report, by October 1, of each year, for the period covering January 1–June 30, of the same year. [Note: The annual certificate of compliance in (a), above, fulfills the obligation for the second deviation reporting period (i.e., July 1–December 31, of the previous year).]

(1) To the Department, both reports electronically.

(2) To U.S. EPA Region III, the annual certificate of compliance report, electronically, at R3_APD_Permits@epa.gov.

The subject line shall read: "TVOP No. 23-00040, Laurel Pipeline Company, L.P. - Boothwyn Breakout Station."

021 [25 Pa. Code §135.21]**Emission statements**

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

VI. WORK PRACTICE REQUIREMENTS.**# 022 [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.

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

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

024 [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.]

**SECTION C. Site Level Requirements**

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

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

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

VII. ADDITIONAL REQUIREMENTS.**# 026 [25 Pa. Code §129.96]****Applicability**

The NOx requirements of this section and 25 Pa. Code §§ 129.97—129.100 apply Statewide to the owner and operator of a major NOx emitting facility and the VOC requirements of this section and 25 Pa. Code §§ 129.97—129.100 apply Statewide to the owner and operator of a major VOC emitting facility that were in existence on or before July 20, 2012, for which a requirement or emission limitation, or both, has not been established in 25 Pa. Code §§ 129.51—129.52c, 129.54—129.69, 129.71—129.73, 129.75, 129.77, 129.101—129.107 and 129.301—129.310.

The storage tanks (Source ID(s): 101 -119) at the Boothwyn Breakout Station are exempt from RACT II because they are already subject to the requirements in 25 Pa. Code § 129.56.

027 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.110b]**Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984****Applicability and designation of affected facility.**

(a) The affected facility to which this subpart applies is each storage vessel with a capacity greater than or equal to 75 cubic meters (m³) that is used to store volatile organic liquids (VOL) for which construction, reconstruction, or modification is commenced after July 23, 1984.

(b) This subpart does not apply to storage vessels with a capacity greater than or equal to 151 m³ storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa) or with a capacity greater than or equal to 75 m³ but less than 151 m³ storing a liquid with a maximum true vapor pressure less than 15.0 kPa.

(c) Pursuant to 40 CFR § 60.2, the additions of the new guidepoles to Tank 9 (ext. floating roof) (Source ID: 109), Tank 15 (Source ID: 115) and Tank 16 (Source ID: 116) are considered modifications, therefore; each of these tanks are subject to this subpart.

028 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4]**Subpart A - General Provisions****Address.**

Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441.]

The permittee shall submit all requests, reports, applications, submittals, and other communications to both the Administrator and to the Regional Office of the Department. The copies shall be forwarded to:

U.S. EPA, Region III
Director
Air Protection Division (3AP00)
1650 Arch Street
Philadelphia, PA 19103-2029

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

**SECTION C. Site Level Requirements****# 029 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11080]****Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What is the purpose of this subpart?**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441.]

The provisions of 40 CFR 63, Subpart BBBBBB establishes national emission limitations and management practices for hazardous air pollutants (HAP) emitted from area source gasoline distribution bulk terminals, bulk plants, and pipeline facilities. This subpart also establishes requirements to demonstrate compliance with the emission limitations and management practices.

Pursuant 40 CFR § 63.11082, The gasoline storage tanks (Source ID(s): 109 - 119) at the Boothwyn Breakout Station are subject this subpart. The permittee shall comply with all applicable requirements of 40 CFR 63, Subpart BBBBBB (e.g., 40 CFR §§ 63.11080 through 63.11100) for these sources.

Sources subject to this subpart would be required to electronically submit specific air emission data reports to the EPA through the Compliance and Emission Data Reporting Interface (CEDRI) portal of the Central Data Exchange (CDX). These reports include summary reports, excess emission reports, performance test reports, performance evaluation reports and other reports required by the subpart. The CDX homepage can be accessed at <https://cdx.epa.gov/>.

030 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6585]**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****Am I subject to this subpart?**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441.]

The affected sources to which this subpart applies include emergency stationary reciprocating internal combustion engines (RICE) that meet the definition of an emergency stationary RICE in 40 CFR § 63.6675, which requires operating according to the provisions specified in 40 CFR § 63.6640(f). The Back-Up Generator (Source ID: 731) is categorized as an emergency stationary RICE and is subject to this subpart.

VIII. COMPLIANCE CERTIFICATION.

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

IX. COMPLIANCE SCHEDULE.

No compliance milestones exist.

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

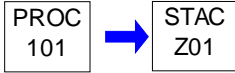
**SECTION D. Source Level Requirements**

Source ID: 101

Source Name: TANK 1 (FIXED ROOF)

Source Capacity/Throughput: 100.000 Th Gal/HR PETROLEUM LIQUID

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

Tank 1 (Source ID: 101) is a fixed roof above-ground storage tank (AST) with a diameter of 150 feet and a shell capacity of 151,100 barrels (bbls). The tank stores petroleum distillates (i.e., diesel, distillate fuel No. 2, and jet kerosene).

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

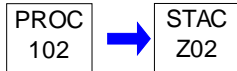
**SECTION D. Source Level Requirements**

Source ID: 102

Source Name: TANK 2 (FIXED ROOF)

Source Capacity/Throughput: 100.000 Th Gal/HR PETROLEUM LIQUID

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

Tank 2 (Source ID: 102) is a fixed roof above-ground storage tank (AST) with a diameter of 160 feet and a shell capacity of 171,900 barrels (bbls). The tank stores petroleum distillates (i.e., diesel, distillate fuel No. 2, and jet kerosene).

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

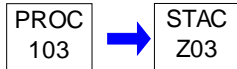
**SECTION D. Source Level Requirements**

Source ID: 103

Source Name: TANK 3 (FIXED ROOF)

Source Capacity/Throughput: 100.000 Th Gal/HR PETROLEUM LIQUID

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

Tank 3 (Source ID: 103) is a fixed roof above-ground storage tank (AST) with a diameter of 160 feet and a shell capacity of 171,900 barrels (bbls). The tank stores petroleum distillates (i.e., diesel, distillate fuel No. 2, and jet kerosene).

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

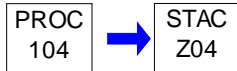
**SECTION D. Source Level Requirements**

Source ID: 104

Source Name: TANK 4 (FIXED ROOF)

Source Capacity/Throughput: 100.000 Th Gal/HR PETROLEUM LIQUID

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

Tank 4 (Source ID: 104) is a fixed roof above-ground storage tank (AST) with a diameter of 160 feet and a shell capacity of 171,100 barrels (bbls). The tank stores petroleum distillates (i.e., diesel, distillate fuel No. 2, and jet kerosene).

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

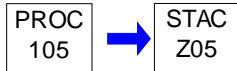
**SECTION D. Source Level Requirements**

Source ID: 105

Source Name: TANK 5 (FIXED ROOF)

Source Capacity/Throughput: 100.000 Th Gal/HR PETROLEUM LIQUID

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

Tank 5 (Source ID: 105) is a fixed roof above-ground storage tank (AST) with a diameter of 120 feet and a shell capacity of 96,700 barrels (bbls). The tank stores petroleum distillates (i.e., diesel, distillate fuel No. 2, and jet kerosene).

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

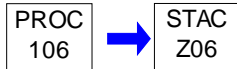
**SECTION D. Source Level Requirements**

Source ID: 106

Source Name: TANK 6 (FIXED ROOF)

Source Capacity/Throughput: 100.000 Th Gal/HR PETROLEUM LIQUID

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

Tank 6 (Source ID: 106) is a fixed roof above-ground storage tank (AST) with a diameter of 100 feet and a shell capacity of 67,100 barrels (bbls). The tank stores petroleum distillates (i.e., diesel, distillate fuel No. 2, and jet kerosene).

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

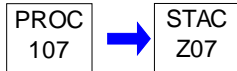
**SECTION D. Source Level Requirements**

Source ID: 107

Source Name: TANK 7 (FIXED ROOF)

Source Capacity/Throughput: 100.000 Th Gal/HR PETROLEUM LIQUID

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

Tank 7 (Source ID: 107) is a fixed roof above-ground storage tank (AST) with a diameter of 110 feet and a shell capacity of 81,200 barrels (bbls). The tank stores petroleum distillates (i.e., diesel, distillate fuel No. 2, and jet kerosene).

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

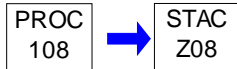
**SECTION D. Source Level Requirements**

Source ID: 108

Source Name: TANK 8 (FIXED ROOF)

Source Capacity/Throughput: 100.000 Th Gal/HR PETROLEUM LIQUID

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

Tank 8 (Source ID: 108) is a fixed roof above-ground storage tank (AST) with a diameter of 120 feet and a shell capacity of 96,700 barrels (bbls). The tank stores petroleum distillates (i.e., diesel, distillate fuel No. 2, and jet kerosene).

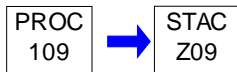
***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

Source ID: 109

Source Name: TANK 9 (EXT. FLOATING ROOF)

Source Capacity/Throughput: 100.000 Th Gal/HR PETROLEUM LIQUID

Conditions for this source occur in the following groups: 2
3**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

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

Tank 9 (Source ID: 109) is an external floating-roof (EFR) above-ground storage tank (AST) with a diameter of 134 feet and a shell capacity of 119,100 barrels (bbls). The tank stores gasoline products (i.e., gasoline, transmix, diesel, distillate fuel No. 2, and jet kerosene).

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

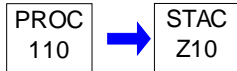
**SECTION D. Source Level Requirements**

Source ID: 110

Source Name: TANK 10 (EXT. FLOATING ROOF)

Source Capacity/Throughput: 100.000 Th Gal/HR PETROLEUM LIQUID

Conditions for this source occur in the following groups: 2

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

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

Tank 10 (Source ID: 110) is an external floating-roof (EFR) above-ground storage tank (AST) with a diameter of 150 feet and a shell capacity of 175,200 barrels (bbls). The tank stores gasoline products (i.e., gasoline, transmix, diesel, distillate fuel No. 2, and jet kerosene).

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

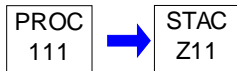
**SECTION D. Source Level Requirements**

Source ID: 111

Source Name: TANK 11 (EXT. FLOATING ROOF)

Source Capacity/Throughput: 100.000 Th Gal/HR PETROLEUM LIQUID

Conditions for this source occur in the following groups: 2

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

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

Tank 11 (Source ID: 111) is an external floating-roof (EFR) above-ground storage tank (AST) with a diameter of 160 feet and a shell capacity of 169,700 barrels (bbls). The tank stores gasoline products (i.e., gasoline, transmix, diesel, distillate fuel No. 2, and jet kerosene).

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

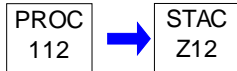
**SECTION D. Source Level Requirements**

Source ID: 112

Source Name: TANK 12 (EXT. FLOATING ROOF)

Source Capacity/Throughput: 100.000 Th Gal/HR PETROLEUM LIQUID

Conditions for this source occur in the following groups: 2

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

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

Tank 12 (Source ID: 112) is an external floating-roof (EFR) above-ground storage tank (AST) with a diameter of 134 feet and a shell capacity of 120,600 barrels (bbls). The tank stores gasoline products (i.e., gasoline, transmix, diesel, distillate fuel No. 2, and jet kerosene).

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

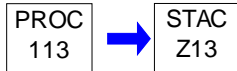
**SECTION D. Source Level Requirements**

Source ID: 113

Source Name: TANK 13 (EXT. FLOATING ROOF)

Source Capacity/Throughput: 100.000 Th Gal/HR PETROLEUM LIQUID

Conditions for this source occur in the following groups: 2

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

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

Tank 13 (Source ID: 113) is an external floating-roof (EFR) above-ground storage tank (AST) with a diameter of 134 feet and a shell capacity of 120,600 barrels (bbls). The tank stores gasoline products (i.e., gasoline, transmix, diesel, distillate fuel No. 2, and jet kerosene).

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

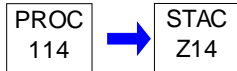
**SECTION D. Source Level Requirements**

Source ID: 114

Source Name: TANK 14 (EXT. FLOATING ROOF)

Source Capacity/Throughput: 100.000 Th Gal/HR PETROLEUM LIQUID

Conditions for this source occur in the following groups: 2

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

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

Tank 14 (Source ID: 114) is an external floating-roof (EFR) above-ground storage tank (AST) with a diameter of 140 feet and a shell capacity of 131,600 barrels (bbls). The tank stores gasoline products (i.e., gasoline, transmix, diesel, distillate fuel No. 2, and jet kerosene).

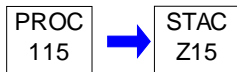
***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

Source ID: 115

Source Name: TANK 15 (EXT. FLOATING ROOF)

Source Capacity/Throughput: 100.000 Th Gal/HR PETROLEUM LIQUID

Conditions for this source occur in the following groups: 2
3**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

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

Tank 15 (Source ID: 115) is an external floating-roof (EFR) above-ground storage tank (AST) with a diameter of 120 feet and a shell capacity of 96,700 barrels (bbls). The tank stores gasoline products (i.e., gasoline, transmix, diesel, distillate fuel No. 2, and jet kerosene).

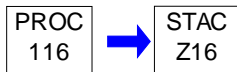
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**SECTION D. Source Level Requirements**

Source ID: 116

Source Name: TANK 16 (EXT. FLOATING ROOF)

Source Capacity/Throughput: 100.000 Th Gal/HR PETROLEUM LIQUID

Conditions for this source occur in the following groups: 2
3**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

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

Tank 16 (Source ID: 116) is an external floating-roof (EFR) above-ground storage tank (AST) with a diameter of 90 feet and a shell capacity of 54,000 barrels (bbls). The tank stores gasoline products (i.e., gasoline, transmix, diesel, distillate fuel No. 2, and jet kerosene).

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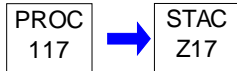
**SECTION D. Source Level Requirements**

Source ID: 117

Source Name: TANK 17 (EXT. FLOATING ROOF)

Source Capacity/Throughput: 100.000 Th Gal/HR PETROLEUM LIQUID

Conditions for this source occur in the following groups: 2

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

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

Tank 17 (Source ID: 117) is an external floating-roof (EFR) above-ground storage tank (AST) with a diameter of 90 feet and a shell capacity of 54,400 barrels (bbls). The tank stores gasoline products (i.e., gasoline, transmix, diesel, distillate fuel No. 2, and jet kerosene).

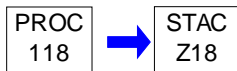
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**SECTION D. Source Level Requirements**

Source ID: 118

Source Name: TANK 18 (INT. FLOATING ROOF)

Source Capacity/Throughput: 100.000 Th Gal/HR PETROLEUM LIQUID

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

The permittee shall monitor the following for the floating-roof storage tanks to determine the emissions of VOCs and HAPs.

- (a) The daily throughput, in gallons, on a monthly basis.
- (b) The type(s) of volatile organic liquid (VOL) stored.
- (c) The temperature of the VOL.
- (d) The vapor pressure of the VOL.

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

(a) The permittee shall maintain records of the following for the floating-roof storage tanks:

- (1) The daily throughput, in gallons, on a monthly basis.
- (2) The type(s) of volatile organic liquid stored.
- (3) The temperature of the VOL.
- (4) The vapor pressure of the VOL.

[Note: The permittee may use AP-42, Chapter 7 equations to compile the meteorological-related data for the emissions estimates.]

(b) The permittee shall record the results of all inspections performed.

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

The permittee shall keep readily accessible records showing the storage capacity and the current contents of each storage tank.

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

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

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

The permittee shall ensure that the Storage Tank 18 (Source ID: 118) is equipped with an internal floating roof (IFR) fitted with a mechanical shoe and a secondary urethane wiper seal.

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

(a) The owner or operator of a stationary storage vessel that contain a volatile organic liquids (VOL), and is equipped with a fixed roof with an internal floating roof, shall ensure that the internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it).

(b) 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.

(c) 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.

006 [25 Pa. Code §129.56]**Storage tanks greater than 40,000 gallons capacity containing VOCs**

(a) No person may permit the placing, storing or holding in a stationary tank, reservoir or other container with a capacity greater than 40,000 gallons of volatile organic compounds with a vapor pressure greater than 1.5 psia (10.5 kilopascals) under actual storage conditions unless the tank, reservoir or other container is a pressure tank capable of maintaining working pressures sufficient at all times to prevent vapor or gas loss to the atmosphere or is designed and equipped with one of the following vapor loss control devices:

(1) An external or an internal floating roof. This control equipment may not be permitted if the volatile organic compounds have a vapor pressure of 11 psia (76 kilopascals) or greater under actual storage conditions.

(2) Vapor recovery system. A vapor recovery system, consisting of a vapor gathering system capable of collecting the volatile organic compound vapors and gases discharged and a vapor disposal system capable of processing such volatile organic vapors and gases so as to prevent their emission to the atmosphere. Tank gauging and sampling devices shall be gas-tight except when gauging or sampling is taking place. The vapor recovery system shall be maintained in good working order and recover at least 80% of the vapors emitted by such tank.

(b) An external floating roof shall be fitted with a primary seal and a continuous secondary seal extending from the floating roof to the tank wall (rim-mounted secondary seal). The external floating roof shall meet the following equipment requirements:

(1) Seal closure devices shall meet the following requirements:

(i) There are no visible holes, tears or other openings in the seals or seal fabric.

(ii) The seals are intact and uniformly in place around the circumference of the floating roof between the floating roof and the tank wall.

(iii) For tanks with vapor-mounted primary seals, the accumulated area of gaps exceeding 1/8 inch in width between the secondary seal and the tank wall shall not exceed 1 square inch per foot of tank diameter. Compliance with this subsection shall be determined by physically measuring the length and width of gaps around the entire circumference of the secondary seal in each place where a 1/8 inch uniform diameter probe passes freely (without forcing or binding against the seal) between the seal and tank wall and by summing the area of the individual gaps.

**SECTION D. Source Level Requirements**

(2) Openings in the external floating roof, except for automatic bleeder vents, rim space vents and leg sleeves, are as follows:

- (i) Equipped with covers, seals or lids in the closed position except when the openings are in actual use.
- (ii) Equipped with projections into the tank which remain below the liquid surface at all times.

(3) Automatic bleeder vents are closed at all times except when the roof is floated off or landed on the roof leg supports.

(4) Rim vents are set to open when the roof is being floated off the leg supports or at the recommended setting of the manufacturer.

(5) Emergency roof drains are provided with slotted membrane fabric covers or equivalent covers which cover at least 90% of the area of the opening.

(c) An internal floating roof shall be fitted with a primary seal and shall comply with the following equipment requirements:

- (1) A closure seal or seals, to close the space between the roof edge and tank wall is used.
- (2) There are no holes, tears or other openings in the seal or a seal fabric or materials.
- (3) Openings except stub drains are equipped with covers, lids or seals such that:

- (i) The cover, lid or seal is in the closed position at all times except when in actual use.
- (ii) Automatic bleeder vents are closed at all times except when the roof is floated off or landed on the roof leg supports.

- (iii) Rim vents, if provided are set to open when the roof is being floated off the roof leg supports or at the recommended setting of the manufacturer.

(d) For the purposes of this section, the petroleum liquid storage vessels listed in this subsection comply with the equipment requirements of this section. These tanks shall comply with the maintenance, inspection and reporting requirements of this section. These petroleum liquid storage vessels are those:

- (1) Which contain a petroleum liquid with a true vapor pressure less than 4 psia (27.6 kilopascals) and which are of welded construction and which presently possess a metallic-type shoe seal, a liquid-mounted foam seal, a liquid-mounted liquid filled type seal or other closure device of demonstrated equivalence approved by the Department.

- (2) Which are of welded construction, equipped with a metallic-type shoe primary seal and has a secondary seal from the top of the shoe seal to the tank wall (shoe-mounted secondary seal).

(e) The owner or operator of a petroleum liquid storage vessel with a floating roof subject to this regulation shall:

- (1) Perform routine inspections annually in order to insure compliance with subsection (b) or (c). The inspection shall include a visual inspection of the secondary seal gap when inspecting external floating roof tanks.

- (2) For external floating roof tanks, measure the secondary seal gap annually in accordance with subsection (b)(1)(iii) when the floating roof is equipped with a vapor-mounted primary seal.

- (3) Maintain 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 in subsection (f)(1) and (2).

Copies of the records shall be retained by the owner or operator for a period of 2 years after the date on which the record was made and shall be made available to the Department upon written or verbal request at a reasonable time.

**SECTION D. Source Level Requirements**

f) For volatile organic compounds whose storage temperature is governed by ambient weather conditions, 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 the storage takes place.

(g) If a failure is detected during inspections required in this section, the owner or operator, or both, shall repair the items or empty and remove the storage vessel from service within 45 days. If this failure cannot be repaired within 45 days and if the vessel cannot be emptied within 45 days, a 30-day extension may be requested from the Department. A request for an extension shall document that alternate storage capacity is unavailable and specify a schedule of actions the owner or operator 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 30-day time requested.

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

Tank 18 (Source ID: 118) is an internal floating-roof (IFR) above-ground storage tank (AST) with a diameter of 42.5 feet and a shell capacity of 10,100 barrels (bbls). The tank stores gasoline products (i.e., gasoline, transmix, diesel, distillate fuel No. 2, and jet kerosene).

008 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63 Subpart BBBBBB Table 1]**Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****- Applicability Criteria, Emission Limits, and Management Practices for Storage Tanks**

The owner or operator of a gasoline storage tank with a capacity of greater than or equal to 75 cubic meters and not meeting the criteria specified in item 1 of this Table, must do the following:

(a) Reduce emissions of total organic HAP or TOC by 95 weight-percent with a closed vent system and control device as specified in 40 CFR § 60.112b(a)(3); or,

(b) Equip each internal floating roof gasoline storage tank according to the requirements in 40 CFR § 60.112b(a)(1)(i) of this chapter, except for the secondary seal requirements under 40 CFR § 60.112b(a)(1)(ii)(B) and the requirements in 40 CFR § 60.112b(a)(1)(iv) through (ix) of this chapter; or,

(c) Equip each external floating roof gasoline storage tank according to the requirements in 40 CFR § 60.112b(a)(2), except that the requirements of 40 CFR § 60.112b(a)(2)(ii) shall only be required if such storage tank does not currently meet the requirements of 40 CFR § 60.112b(a)(2)(i); or,

(d) Equip and operate each internal and external floating roof gasoline storage tank according to the applicable requirements in 40 CFR §§ 63.1063(a)(1) and (b), except for the secondary seal requirements under 40 CFR § 63.1063(a)(1)(i)(C) and (D), and equip each external floating roof gasoline storage tank according to the requirements of 40 CFR § 63.1063(a)(2) if such storage tank does not currently meet the requirements of 40 CFR § 63.1063(a)(1).

009 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11080]**Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What is the purpose of this subpart?**

This subpart establishes national emission limitations and management practices for hazardous air pollutants (HAP) emitted from area source gasoline distribution bulk terminals, bulk plants, and pipeline facilities. This subpart also establishes requirements to demonstrate compliance with the emission limitations and management practices

010 [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?**

**SECTION D. Source Level Requirements**

(a) The owner and operator of gasoline storage tanks must comply with each applicable emission limit and management practice in Table 1 of this subpart.

(b) The owner and operator of the affected source(s) must comply with the requirements of this subpart by the applicable dates specified in 40 CFR § 63.11083 for existing facilities (e.g., January 10, 2011).

(c) The owner and operator of the affected source(s) must comply with the applicable testing and monitoring requirements specified in 40 CFR § 63.11092(e).

(d) The owner and operator of the affected source(s) must keep records and submit reports as specified in 40 CFR §§ 63.11094 and 63.11095.

011 [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?**

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

(a) The owner or operator subject to the emission standard for gasoline storage tanks in Table 1 to 40 CFR 63, Subpart BBBBBB shall comply with the requirements in paragraphs (a)(1) through (a)(3).

(1) If the gasoline storage tank is equipped with an internal floating roof, the owner or operator of the affected source(s) must perform inspections of the floating roof system according to the requirements of 40 CFR § 60.113b(a) if complying with option 2(b) in Table 1 to 40 CFR 63, Subpart BBBBBB, or according to the requirements of 40 CFR § 63.1063(c)(1) if complying with option 2(d) in Table 1 to 40 CFR 63, Subpart BBBBBB.

(2) If the gasoline storage tank is equipped with an external floating roof, the owner or operator of the affected source(s) must perform inspections of the floating roof system according to the requirements of 40 CFR § 60.113b(b) if complying with option 2(c) in Table 1 to 40 CFR 63, Subpart BBBBBB, or according to the requirements of 40 CFR § 63.1063(c)(2) if complying with option 2(d) in Table 1 to 40 CFR 63, Subpart BBBBBB.

(3) If the gasoline storage tank is equipped with a closed vent system and control device, the owner or operator of the affected source(s) must conduct a performance test to determine the 95-percent reduction in inlet total organic compounds (TOC).

(b) Performance tests conducted for this subpart shall be conducted under such conditions as the Administrator specifies to the owner or operator, based on representative performance (i.e., performance based on normal operating conditions) of the affected source.

012 [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?**

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

(a) The owner or operator of a pipeline breakout station shall keep records as specified in 40 CFR § 60.115b if you are complying with options 2(a), 2(b), or 2(c) in Table 1 to 40 CFR 63, Subpart BBBBBB, except records shall be kept for at least 5 years. If the owner or operator is complying with the requirements of option 2(d) in Table 1 to 40 CFR 63 Subpart BBBBBB, you shall keep records as specified in 40 CFR § 63.1065.

(b) The owner or operator of the affected source(s) shall keep records of the occurrence and duration of each malfunction of operation (i.e., process equipment) or the air pollution control and monitoring equipment.

(c) The owner or operator of the affected source(s) shall keep records of actions taken during periods of malfunction to minimize emissions in accordance 40 CFR § 63.11085(a), including corrective actions to restore malfunctioning process equipment to its normal or usual manner will be recorded.

**SECTION D. Source Level Requirements****# 013 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11095]****Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What are my reporting requirements?**

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

(a) The owner or operator of a bulk terminal or a pipeline breakout station subject to the control requirements of this subpart shall include in a semiannual compliance report to the Administrator the following information, as applicable:

(1) For storage vessels, if complying with options 2(a), 2(b), or 2(c) in Table 1 to 40 CFR 63, Subpart BBBBBB, the information specified in 40 CFR §§ 60.115b(a), 60.115b(b), or 60.115b(c), or if complying with option 2(d) in Table 1, the information specified in 40 CFR § 63.1066.

(2) For equipment leak inspections, the number of equipment leaks not repaired within 15 days after detection.

(b) The owner or operator of the affected source(s) subject to the control requirements of 40 CFR 63, Subpart BBBBBB shall submit an excess emissions report to the Administrator at the time the semiannual compliance report is submitted. The following information shall be included in the excess emissions report:

(1) 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 after detection:

- (i) The date on which the leak was detected;
- (ii) The date of each attempt to repair the leak;
- (iii) The reasons for the delay of repair; and
- (iv) The date of successful repair.

(c) The owner or operator of the affected source(s) under this subpart 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 by an owner or operator during a malfunction of an affected source to minimize emissions in accordance with 40 CFR § 63.11085(a), including actions taken to correct a malfunction. The report may be submitted as a part of the semiannual compliance report, if one is required.

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

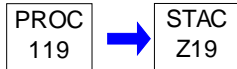
**SECTION D. Source Level Requirements**

Source ID: 119

Source Name: TANK 19 (EXT. FLOATING ROOF)

Source Capacity/Throughput: 100.000 Th Gal/HR PETROLEUM LIQUID

Conditions for this source occur in the following groups: 2

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

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

The permittee shall ensure that Storage Tank 19 (Source ID: 119) is equipped with an external floating roof (EFR) with a mechanical shoe primary seal coupled with the rim-mounted secondary seal.

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

Tank 19 (Source ID: 119) is an external floating-roof (EFR) above-ground storage tank (AST) with a diameter of 110 feet and a shell capacity of 81,200 barrels (bbls). The tank stores gasoline products (i.e., gasoline, transmix, diesel, distillate fuel No. 2, and jet kerosene).

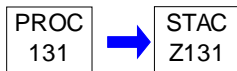
***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

Source ID: 131

Source Name: PUMPS, VALVES & FLANGES

Source Capacity/Throughput: 54.800 Th Gal/HR PETROLEUM LIQUID

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

001 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11085]

Subpart BBBBBB - 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?

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441]

(a) The owner or operator must, 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.

(b) The owner or operator of an affected source must keep applicable records and submit reports as specified in 40 CFR § 63.11094(g) and 40 CFR § 63.11095(d).

**SECTION D. Source Level Requirements****# 002 [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?**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441]

(a) The owner or operator of a bulk gasoline terminal, bulk plant, pipeline breakout station, or pipeline pumping station shall perform a monthly leak inspection of all equipment in gasoline service. For this inspection, detection methods incorporating sight, sound, and smell are acceptable.

[As defined in 40 CFR § 63.11100, Equipment means each valve, pump, pressure relief device, sampling connection system, open-ended valve or line, and flange or other connector in the gasoline liquid transfer and vapor collection systems. This definition also includes the entire vapor processing system except the exhaust port(s) or stack(s).]

(b) The owner or operator of the affected source(s) shall use an electronic log book to document all fugitive leak inspections. The log book shall contain a list, summary description, or diagram(s) showing the location of all equipment in gasoline service at the facility.

(c) Each detection of a liquid or vapor leak shall be documented in the log book. The documentation shall include, but not be limited to the following: the equipment type, identification number, nature of the leak (vapor or liquid), method of detection (i.e., sight, sound, or smell), date of the leak, repair method, reasons for repair delay, expected date of successful repair, and the date of successful repair.

(d) 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 (d).

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

003 [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?**

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

The owner or operator of an affected source shall keep the following records:

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

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

(c) The owner or operator subject to the equipment leak provisions of 40 CFR § 63.11089 shall prepare and maintain a record describing the types, identification numbers, and locations of all equipment in gasoline service. For facilities electing to implement an instrument program under 40 CFR § 63.11089, the record shall contain a full description of the program.

(d) The owner or operator of an affected source subject to equipment leak inspections under 40 CFR § 63.11089 shall record in the log for each leak that is detected the information specified in as follows:

- (1) The equipment type and identification number.

**SECTION D. Source Level Requirements**

- (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.

004 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11095]**Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What are my reporting requirements?**

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

(a) The owner or operator of a bulk terminal or a pipeline breakout station subject to the control requirements of this subpart shall include in a semiannual compliance report to the Administrator the following information, as applicable:

(1) For storage vessels, if complying with options 2(a), 2(b), or 2(c) in Table 1 to 40 CFR 63, Subpart BBBBBB, the information specified in 40 CFR §§ 60.115b(a), 60.115b(b), or 60.115b(c), or if complying with option 2(d) in Table 1, the information specified in 40 CFR § 63.1066.

(2) For equipment leak inspections, the number of equipment leaks not repaired within 15 days after detection.

(b) The owner or operator of the affected source(s) subject to the control requirements of 40 CFR 63, Subpart BBBBBB shall submit an excess emissions report to the Administrator at the time the semiannual compliance report is submitted. The following information shall be included in the excess emissions report:

(1) 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 after detection:

- (i) The date on which the leak was detected;
- (ii) The date of each attempt to repair the leak;
- (iii) The reasons for the delay of repair; and
- (iv) The date of successful repair.

(c) The owner or operator of the affected source(s) under this subpart 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 by an owner or operator during a malfunction of an affected source to minimize emissions in accordance with 40 CFR § 63.11085(a), including actions taken to correct a malfunction. The report may be submitted as a part of the semiannual compliance report, if one is required.

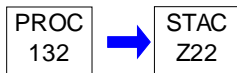
*** **Permit Shield in Effect.** ***

**SECTION D. Source Level Requirements**

Source ID: 132

Source Name: SUMPS (MAIN PRODUCT)

Source Capacity/Throughput: 248.000 Gal/HR PETROLEUM LIQUID

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

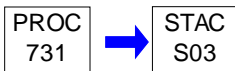
***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

Source ID: 731

Source Name: BACK-UP GENERATOR

Source Capacity/Throughput: 100.000 Gal/HR #2 Oil

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

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.14(a)(8).]

The permittee shall ensure that all on-site emergency generators, exempted from plan approval construction installation, and activation requirements, shall comply with the following NOx emission limitation:

Internal combustion engines regardless of size, with combined NOx emissions less than 100 lbs/hr, 1,000 lbs/day, 2.75 tons per ozone season and 6.6 tons per year on a 12-month rolling basis for all exempt engines at the site.

002 [25 Pa. Code §123.13]**Processes**

No person may permit the emission into the outdoor atmosphere of particulate matter from this source, in excess of 0.04 gr/dscf, pursuant to 25 Pa. Code § 123.13(c)(1)(i).

003 [25 Pa. Code §123.21]**General**

No person may permit the emission into the outdoor atmosphere of sulfur oxides from this source in a manner that the concentration of the sulfur oxides, expressed as SO₂, in the effluent gas exceeds 500 ppmvd.

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

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.444.]

The permittee shall use only No. 2 fuel oil as fuel for this source.

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

The permittee shall ensure that the sulfur content of the fuel used shall not exceed 0.3% by weight.

[Compliance with this condition ensures compliance with 25 Pa. Code § 123.21.]

Operation Hours Restriction(s).**# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall operate the Back-Up Generator (Source ID: 731) no more than 500 hours in any consecutive 12-month period.

II. TESTING REQUIREMENTS.

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

**SECTION D. Source Level Requirements****III. MONITORING REQUIREMENTS.****# 007 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

- (a) The permittee shall monitor the NOx emission for the Back-Up Generator (Source ID: 731), on a monthly basis and as a 12-month rolling sum.
- (b) The permittee shall monitor the number of hours operated per day for the Back-Up Generator (Source ID: 731) as a 12-month rolling sum.
- (c) The permittee shall monitor the sulfur content, by weight, of the as-delivered fuel.

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

The permittee may use AP-42 emission factors, hours of operation, and the rated capacity of this unit as an alternate method to determine the filterable particulate matter emissions from this source.

009 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

- (a) The permittee shall calculate and maintain records of the NOx emissions for the Back-Up Generator (Source ID: 731), on a monthly basis and as a 12-month rolling sum.
- (b) The permittee shall record the hours operated, as a 12-month rolling sum. Records shall include the date, start time, and end time for engine operation.
- (c) The permittee shall obtain from the fuel oil supplier, a delivery receipt that certifies the percentage of sulfur, by weight, each time a delivery is made.

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

The permittee shall keep appropriate records to demonstrate that the Back-Up Generator (Source ID:731) is being maintained and operated in accordance with manufacturer's specifications and good air pollution control practices.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.**# 011 [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

**SECTION D. Source Level Requirements**

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.

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

**SECTION E. Source Group Restrictions.**

Group Name: 1

Group Description: Fixed Roof Storage Tanks (Source ID(s): 101 - 108)

Sources included in this group

ID	Name
101	TANK 1 (FIXED ROOF)
102	TANK 2 (FIXED ROOF)
103	TANK 3 (FIXED ROOF)
104	TANK 4 (FIXED ROOF)
105	TANK 5 (FIXED ROOF)
106	TANK 6 (FIXED ROOF)
107	TANK 7 (FIXED ROOF)
108	TANK 8 (FIXED ROOF)

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

The permittee shall monitor the following for the fixed-roof storage tanks to determine the emissions of VOCs and HAPs.

- (a) The daily throughput, in gallons, on a monthly basis.
- (b) The type(s) of volatile organic liquid (VOL) stored in the tanks.
- (c) The temperature of the VOL.
- (d) The vapor pressure of the VOL.

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

(a) The permittee shall maintain records of the following for the fixed-roof storage tanks:

- (1) The daily throughput, in gallons, on a monthly basis.
- (2) The type(s) of volatile organic liquid (VOL) stored in the tanks.
- (3) The temperature of the VOL.
- (4) The vapor pressure of the VOL.

[Note: The permittee may use AP-42, Chapter 7 equations to compile the meteorological-related data for the emissions estimates.]

(b) The permittee shall record the results of all inspections performed.

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

The permittee shall keep readily accessible records showing the storage capacity and the current contents of each storage

**SECTION E. Source Group Restrictions.**

tank.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee may not store volatile organic compounds with a vapor pressure greater than 1.5 psia (10.5 kilopascals) under actual storage conditions in any of the tanks in this group.

VII. ADDITIONAL REQUIREMENTS.

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

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

**SECTION E. Source Group Restrictions.**

Group Name: 2

Group Description: External Floating Roof Storage Tanks (Source ID(s): 110 - 119)

Sources included in this group

ID	Name
109	TANK 9 (EXT. FLOATING ROOF)
110	TANK 10 (EXT. FLOATING ROOF)
111	TANK 11 (EXT. FLOATING ROOF)
112	TANK 12 (EXT. FLOATING ROOF)
113	TANK 13 (EXT. FLOATING ROOF)
114	TANK 14 (EXT. FLOATING ROOF)
115	TANK 15 (EXT. FLOATING ROOF)
116	TANK 16 (EXT. FLOATING ROOF)
117	TANK 17 (EXT. FLOATING ROOF)
119	TANK 19 (EXT. FLOATING ROOF)

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

The permittee shall monitor the following for the floating-roof storage tanks to determine the emissions of VOCs and HAPs.

- (a) The daily throughput, in gallons, on a monthly basis.
- (b) The type(s) of volatile organic liquid (VOL) stored.
- (c) The temperature of the VOL.
- (d) The vapor pressure of the VOL.

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

The permittee shall keep readily accessible records showing the storage capacity and the current contents of each storage tank.

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

(a) The permittee shall maintain records of the following for the floating-roof storage tanks:

- (1) The daily throughput, in gallons, on a monthly basis.
- (2) The type(s) of volatile organic liquid stored.
- (3) The temperature of the VOL.
- (4) The vapor pressure of the VOL.

[Note: The permittee may use AP-42, Chapter 7 equations to compile the meteorological-related data for the emissions

**SECTION E. Source Group Restrictions.**

estimates.]

(b) The permittee shall record the results of all inspections performed.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.**# 004 [25 Pa. Code §129.56]****Storage tanks greater than 40,000 gallons capacity containing VOCs**

(a) No person may permit the placing, storing or holding in a stationary tank, reservoir or other container with a capacity greater than 40,000 gallons of volatile organic compounds with a vapor pressure greater than 1.5 psia (10.5 kilopascals) under actual storage conditions unless the tank, reservoir or other container is a pressure tank capable of maintaining working pressures sufficient at all times to prevent vapor or gas loss to the atmosphere or is designed and equipped with one of the following vapor loss control devices:

(1) An external or an internal floating roof. This control equipment may not be permitted if the volatile organic compounds have a vapor pressure of 11 psia (76 kilopascals) or greater under actual storage conditions.

(2) Vapor recovery system. A vapor recovery system, consisting of a vapor gathering system capable of collecting the volatile organic compound vapors and gases discharged and a vapor disposal system capable of processing such volatile organic vapors and gases so as to prevent their emission to the atmosphere. Tank gauging and sampling devices shall be gas-tight except when gauging or sampling is taking place. The vapor recovery system shall be maintained in good working order and recover at least 80% of the vapors emitted by such tank.

(b) An external floating roof shall be fitted with a primary seal and a continuous secondary seal extending from the floating roof to the tank wall (rim-mounted secondary seal). The external floating roof shall meet the following equipment requirements:

(1) Seal closure devices shall meet the following requirements:

(i) There are no visible holes, tears or other openings in the seals or seal fabric.

(ii) The seals are intact and uniformly in place around the circumference of the floating roof between the floating roof and the tank wall.

(iii) For tanks with vapor-mounted primary seals, the accumulated area of gaps exceeding 1/8 inch in width between the secondary seal and the tank wall shall not exceed 1 square inch per foot of tank diameter. Compliance with this subsection shall be determined by physically measuring the length and width of gaps around the entire circumference of the secondary seal in each place where a 1/8 inch uniform diameter probe passes freely (without forcing or binding against the seal) between the seal and tank wall and by summing the area of the individual gaps.

(2) Openings in the external floating roof, except for automatic bleeder vents, rim space vents and leg sleeves, are as follows:

(i) Equipped with covers, seals or lids in the closed position except when the openings are in actual use.

(ii) Equipped with projections into the tank which remain below the liquid surface at all times.

(3) Automatic bleeder vents are closed at all times except when the roof is floated off or landed on the roof leg supports.

(4) Rim vents are set to open when the roof is being floated off the leg supports or at the recommended setting of the manufacturer.

(5) Emergency roof drains are provided with slotted membrane fabric covers or equivalent covers which cover at least

**SECTION E. Source Group Restrictions.**

90% of the area of the opening.

(c) An internal floating roof shall be fitted with a primary seal and shall comply with the following equipment requirements:

(1) A closure seal or seals, to close the space between the roof edge and tank wall is used.

(2) There are no holes, tears or other openings in the seal or a seal fabric or materials.

(3) Openings except stub drains are equipped with covers, lids or seals such that:

(i) The cover, lid or seal is in the closed position at all times except when in actual use.

(ii) Automatic bleeder vents are closed at all times except when the roof is floated off or landed on the roof leg supports.

(iii) Rim vents, if provided are set to open when the roof is being floated off the roof leg supports or at the recommended setting of the manufacturer.

(d) For the purposes of this section, the petroleum liquid storage vessels listed in this subsection comply with the equipment requirements of this section. These tanks shall comply with the maintenance, inspection and reporting requirements of this section. These petroleum liquid storage vessels are those:

(1) Which contain a petroleum liquid with a true vapor pressure less than 4 psia (27.6 kilopascals) and which are of welded construction and which presently possess a metallic-type shoe seal, a liquid-mounted foam seal, a liquid-mounted liquid filled type seal or other closure device of demonstrated equivalence approved by the Department.

(2) Which are of welded construction, equipped with a metallic-type shoe primary seal and has a secondary seal from the top of the shoe seal to the tank wall (shoe-mounted secondary seal).

(e) The owner or operator of a petroleum liquid storage vessel with a floating roof subject to this regulation shall:

(1) Perform routine inspections annually in order to insure compliance with subsection (b) or (c). The inspection shall include a visual inspection of the secondary seal gap when inspecting external floating roof tanks.

(2) For external floating roof tanks, measure the secondary seal gap annually in accordance with subsection (b)(1)(iii) when the floating roof is equipped with a vapor-mounted primary seal.

(3) Maintain 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 in subsection (f)(1) and (2).

Copies of the records shall be retained by the owner or operator for a period of 2 years after the date on which the record was made and shall be made available to the Department upon written or verbal request at a reasonable time.

(f) For volatile organic compounds whose storage temperature is governed by ambient weather conditions, 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 the storage takes place.

(g) If a failure is detected during inspections required in this section, the owner or operator, or both, shall repair the items or empty and remove the storage vessel from service within 45 days. If this failure cannot be repaired within 45 days and if the vessel cannot be emptied within 45 days, a 30-day extension may be requested from the Department. A request for an extension shall document that alternate storage capacity is unavailable and specify a schedule of actions the owner or operator 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 30-day time requested.

**SECTION E. Source Group Restrictions.****VII. ADDITIONAL REQUIREMENTS.****# 005 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11080]****Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What is the purpose of this subpart?**

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

This subpart establishes national emission limitations and management practices for hazardous air pollutants (HAP) emitted from area source gasoline distribution bulk terminals, bulk plants, and pipeline facilities. This subpart also establishes requirements to demonstrate compliance with the emission limitations and management practices.

006 [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 permit condition is also derived from 25 Pa. Code § 127.512(h)]

(a) The owner and operator of gasoline storage tanks must comply with each applicable emission limit and management practice in Table 1 of this subpart.

(b) The owner and operator of the affected source(s) must comply with the requirements of this subpart by the applicable dates specified in 40 CFR § 63.11083 for existing facilities (e.g., January 10, 2011).

(c) The owner and operator of the affected source(s) must comply with the applicable testing and monitoring requirements specified in 40 CFR § 63.11092(e).

(d) The owner and operator of the affected source(s) must keep records and submit reports as specified in 40 CFR §§ 63.11094 and 63.11095.

007 [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?**

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

(a) The owner or operator subject to the emission standard for gasoline storage tanks in Table 1 to 40 CFR 63, Subpart BBBBBB shall comply with the requirements in paragraphs (a)(1) through (a)(3).

(1) If the gasoline storage tank is equipped with an internal floating roof, the owner or operator of the affected source(s) must perform inspections of the floating roof system according to the requirements of 40 CFR § 60.113b(a) if complying with option 2(b) in Table 1 to 40 CFR 63, Subpart BBBBBB, or according to the requirements of 40 CFR § 63.1063(c)(1) if complying with option 2(d) in Table 1 to 40 CFR 63, Subpart BBBBBB.

(2) If the gasoline storage tank is equipped with an external floating roof, the owner or operator of the affected source(s) must perform inspections of the floating roof system according to the requirements of 40 CFR § 60.113b(b) if complying with option 2(c) in Table 1 to 40 CFR 63, Subpart BBBBBB, or according to the requirements of 40 CFR § 63.1063(c)(2) if complying with option 2(d) in Table 1 to 40 CFR 63, Subpart BBBBBB.

(3) If the gasoline storage tank is equipped with a closed vent system and control device, the owner or operator of the affected source(s) must conduct a performance test to determine the 95-percent reduction in inlet total organic compounds (TOC).

(b) Performance tests conducted for this subpart shall be conducted under such conditions as the Administrator specifies to the owner or operator, based on representative performance (i.e., performance based on normal operating conditions) of the affected source.

**SECTION E. Source Group Restrictions.****# 008 [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?**

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

(a) The owner or operator of a pipeline breakout station shall keep records as specified in 40 CFR § 60.115b if you are complying with options 2(a), 2(b), or 2(c) in Table 1 to 40 CFR 63, Subpart BBBBBB, except records shall be kept for at least 5 years. If the owner or operator is complying with the requirements of option 2(d) in Table 1 to 40 CFR 63 Subpart BBBBBB, you shall keep records as specified in 40 CFR § 63.1065.

(b) The owner or operator of the affected source(s) shall keep records of the occurrence and duration of each malfunction of operation (i.e., process equipment) or the air pollution control and monitoring equipment.

(c) The owner or operator of the affected source(s) shall keep records of actions taken during periods of malfunction to minimize emissions in accordance 40 CFR § 63.11085(a), including corrective actions to restore malfunctioning process equipment to its normal or usual manner will be recorded.

009 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11095]**Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What are my reporting requirements?**

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

(a) The owner or operator of a bulk terminal or a pipeline breakout station subject to the control requirements of this subpart shall include in a semiannual compliance report to the Administrator the following information, as applicable:

(1) For storage vessels, if complying with options 2(a), 2(b), or 2(c) in Table 1 to 40 CFR 63, Subpart BBBBBB, the information specified in 40 CFR §§ 60.115b(a), 60.115b(b), or 60.115b(c), or if complying with option 2(d) in Table 1, the information specified in 40 CFR § 63.1066.

(2) For equipment leak inspections, the number of equipment leaks not repaired within 15 days after detection.

(b) The owner or operator of the affected source(s) subject to the control requirements of 40 CFR 63, Subpart BBBBBB shall submit an excess emissions report to the Administrator at the time the semiannual compliance report is submitted. The following information shall be included in the excess emissions report:

(1) 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 after detection:

- (i) The date on which the leak was detected;
- (ii) The date of each attempt to repair the leak;
- (iii) The reasons for the delay of repair; and
- (iv) The date of successful repair.

(c) The owner or operator of the affected source(s) under this subpart 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 by an owner or operator during a malfunction of an affected source to minimize emissions in accordance with 40 CFR § 63.11085(a), including actions taken to correct a malfunction. The report may be submitted as a part of the semiannual compliance report, if one is required.

010 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63 Subpart BBBBBB Table 1]**Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****- Applicability Criteria, Emission Limits, and Management Practices for Storage Tanks**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441]

**SECTION E. Source Group Restrictions.**

The owner or operator of a gasoline storage tank with a capacity of greater than or equal to 75 cubic meters and not meeting the criteria specified in item 1 of this Table, must do the following:

- (a) Reduce emissions of total organic HAP or TOC by 95 weight-percent with a closed vent system and control device as specified in 40 CFR § 60.112b(a)(3); or,
- (b) Equip each internal floating roof gasoline storage tank according to the requirements in 40 CFR § 60.112b(a)(1)(i) of this chapter, except for the secondary seal requirements under 40 CFR § 60.112b(a)(1)(ii)(B) and the requirements in 40 CFR §§ 60.112b(a)(1)(iv) through (ix) of this chapter; or,
- (c) Equip each external floating roof gasoline storage tank according to the requirements in 40 CFR § 60.112b(a)(2), except that the requirements of 40 CFR § 60.112b(a)(2)(ii) shall only be required if such storage tank does not currently meet the requirements of 40 CFR § 60.112b(a)(2)(i); or,
- (d) Equip and operate each internal and external floating roof gasoline storage tank according to the applicable requirements in 40 CFR §§ 63.1063(a)(1) and (b), except for the secondary seal requirements under 40 CFR §§ 63.1063(a)(1)(i)(C) and (D), and equip each external floating roof gasoline storage tank according to the requirements of 40 CFR § 63.1063(a)(2) if such storage tank does not currently meet the requirements of 40 CFR § 63.1063(a)(1).

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

**SECTION E. Source Group Restrictions.**

Group Name: 3

Group Description: 40 CFR 60, Subpart Kb

Sources included in this group

ID	Name
109	TANK 9 (EXT. FLOATING ROOF)
115	TANK 15 (EXT. FLOATING ROOF)
116	TANK 16 (EXT. FLOATING ROOF)

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 60 Standards of Performance for New Stationary Sources §40 CFR 60.116b]
Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984
Monitoring of operations.**

(a) [NA]

(b) The owner or operator of each storage vessel as specified in 40 CFR § 60.110b(a) shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel.

(c) Except as provided in paragraphs (f) and (g) of this section, the owner or operator of each storage vessel either with a design capacity greater than or equal to 151 m³ storing a liquid with a maximum true vapor pressure greater than or equal to 3.5 kPa or with a design capacity greater than or equal to 75 m³ but less than 151 m³ storing a liquid with a maximum true vapor pressure greater than or equal to 15.0 kPa shall maintain a record of the VOL stored, the period of storage, and the maximum true vapor pressure of that VOL during the respective storage period.

(d) Except as provided in paragraph (g) of this section, the owner or operator of each storage vessel either with a design capacity greater than or equal to 151 m³ storing a liquid with a maximum true vapor pressure that is normally less than 5.2 kPa or with a design capacity greater than or equal to 75 m³ but less than 151 m³ storing a liquid with a maximum true vapor pressure that is normally less than 27.6 kPa shall notify the Administrator within 30 days when the maximum true vapor pressure of the liquid exceeds the respective maximum true vapor pressure values for each volume range.

(e) Available data on the storage temperature may be used to determine the maximum true vapor pressure as determined below.

(1) [NA]

(2) For crude oil or refined petroleum products the vapor pressure may be obtained by the following:

(i) Available data on the Reid vapor pressure and the maximum expected storage temperature based on the highest expected calendar-month average temperature of the stored product may be used to determine the maximum true vapor pressure from nomographs contained in API Bulletin 2517 (incorporated by reference - see 40 CFR § 60.17), unless the Administrator specifically requests that the liquid be sampled, the actual storage temperature determined, and the Reid vapor pressure determined from the sample(s).

(ii) The true vapor pressure of each type of crude oil with a Reid vapor pressure less than 13.8 kPa or with physical properties that preclude determination by the recommended method is to be determined from available data and recorded if the estimated maximum true vapor pressure is greater than 3.5 kPa.

(3) For other liquids, the vapor pressure:

**SECTION E. Source Group Restrictions.**

- (i) May be obtained from standard reference texts, or
 - (ii) Determined by ASTM D2879-83, 96, or 97 (incorporated by reference - see 40 CFR § 60.17); or
 - (iii) Measured by an appropriate method approved by the Administrator; or
 - (iv) Calculated by an appropriate method approved by the Administrator.
- (f) [NA]
- (g) [NA]

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

**# 002 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.115b]
Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984
Reporting and recordkeeping requirements.**

The owner or operator of each storage vessel as specified in 40 CFR § 60.112b(a) shall keep records and furnish reports as required by paragraphs (a), (b), or (c) of this section depending upon the control equipment installed to meet the requirements of 40 CFR § 60.112b. The owner or operator shall keep copies of all reports and records required by this section, except for the record required by (c)(1), for at least 2 years. The record required by (c)(1) will be kept for the life of the control equipment.

(a) [NA]

(b) After installing control equipment in accordance with 40 CFR § 60.112b(a)(2) (external floating roof), the owner or operator shall meet the following requirements.

(1) Furnish the Administrator with a report that describes the control equipment and certifies that the control equipment meets the specifications of 40 CFR § 60.112b(a)(2) and 40 CFR §§ 60.113b(b)(2), (b)(3), and (b)(4). This report shall be an attachment to the notification required by 40 CFR § 60.7(a)(3).

(2) Within 60 days of performing the seal gap measurements required by 40 CFR § 60.113b(b)(1), furnish the Administrator with a report that contains:

- (i) The date of measurement.
- (ii) The raw data obtained in the measurement.
- (iii) The calculations described in 40 CFR §§ 60.113b (b)(2) and (b)(3).

(3) Keep a record of each gap measurement performed as required by 40 CFR § 60.113b(b). Each record shall identify the storage vessel in which the measurement was performed and shall contain:

- (i) The date of measurement.
- (ii) The raw data obtained in the measurement.
- (iii) The calculations described in 40 CFR §§ 60.113b (b)(2) and (b)(3).

(4) After each seal gap measurement that detects gaps exceeding the limitations specified by 40 CFR § 60.113b(b)(4), submit a report to the Administrator within 30 days of the inspection. The report will identify the vessel and contain the

**SECTION E. Source Group Restrictions.**

information specified in paragraph (b)(2) of this section and the date the vessel was emptied or the repairs made and date of repair.

(c) [NA]

(d) [NA]

VI. WORK PRACTICE REQUIREMENTS.**# 003 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.112b]****Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984 Standard for volatile organic compounds (VOC).**

(a) The owner or operator of each storage vessel either with a design capacity greater than or equal to 151 cubic meters (m³) containing a volatile organic liquid (VOL) that, as stored, has a maximum true vapor pressure equal to or greater than 5.2 kilopascals (kPa) but less than 76.6 kPa or with a design capacity greater than or equal to 75 m³ but less than 151 m³ containing a VOL that, as stored, has a maximum true vapor pressure equal to or greater than 27.6 kPa but less than 76.6 kPa, shall equip each storage vessel with one of the following:

(1) [NA]

(2) An external floating roof. An external floating roof means a pontoon-type or double-deck type cover that rests on the liquid surface in a vessel with no fixed roof. Each external floating roof must meet the following specifications:

(i) Each external floating roof shall be equipped with a closure device between the wall of the storage vessel and the roof edge. The closure device is to consist of two seals, one above the other. The lower seal is referred to as the primary seal, and the upper seal is referred to as the secondary seal.

(A) The primary seal shall be either a mechanical shoe seal or a liquid-mounted seal. Except as provided in 40 CFR § 60.113b(b)(4), the seal shall completely cover the annular space between the edge of the floating roof and tank wall.

(B) The secondary seal shall completely cover the annular space between the external floating roof and the wall of the storage vessel in a continuous fashion except as allowed in 40 CFR § 60.113b(b)(4).

(ii) Except for automatic bleeder vents and rim space vents, each opening in a noncontact external floating roof shall provide a projection below the liquid surface. Except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves, each opening in the roof is to be equipped with a gasketed cover, seal, or lid that is to be maintained in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Automatic bleeder vents are to be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Rim vents are to be set to open when the roof is being floated off the roof legs supports or at the manufacturer's recommended setting. Automatic bleeder vents and rim space vents are to be gasketed. Each emergency roof drain is to be provided with a slotted membrane fabric cover that covers at least 90 percent of the area of the opening.

(iii) The roof shall be floating on the liquid at all times (i.e., off the roof leg supports) except during initial fill until the roof is lifted off leg supports and when the tank is completely emptied and subsequently refilled. The process of filling, emptying, or refilling when the roof is resting on the leg supports shall be continuous and shall be accomplished as rapidly as possible.

(3) [NA]

(4) [NA]

(b) [NA]

004 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.113b]**Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984 Testing and procedures.**

**SECTION E. Source Group Restrictions.**

The owner or operator of each storage vessel as specified in 40 CFR § 60.112b(a) shall meet the following requirements. The applicable paragraph for a particular storage vessel depends on the control equipment installed to meet the requirements of 40 CFR § 60.112b.

(a) [NA]

(b) After installing the control equipment required to meet 40 CFR § 60.112b(a)(2) (i.e., external floating roof), the owner or operator shall:

(1) Determine the gap areas and maximum gap widths, between the primary seal and the wall of the storage vessel and between the secondary seal and the wall of the storage vessel according to the following frequency.

(i) Measurements of gaps between the tank wall and the primary seal (seal gaps) shall be performed during the hydrostatic testing of the vessel or within 60 days of the initial fill with VOL and at least once every 5 years thereafter.

(ii) Measurements of gaps between the tank wall and the secondary seal shall be performed within 60 days of the initial fill with VOL and at least once per year thereafter.

(iii) If any source ceases to store VOL for a period of 1 year or more, subsequent introduction of VOL into the vessel shall be considered an initial fill for the purposes of paragraphs (b)(1)(i) and (b)(1)(ii) of this section.

(2) Determine gap widths and areas in the primary and secondary seals individually by the following procedures:

(i) Measure seal gaps, if any, at one or more floating roof levels when the roof is floating off the roof leg supports.

(ii) Measure seal gaps around the entire circumference of the tank in each place where a 0.32-cm diameter uniform probe passes freely (without forcing or binding against seal) between the seal and the wall of the storage vessel and measure the circumferential distance of each such location.

(iii) The total surface area of each gap described in paragraph (a)(2)(ii) of this section shall be determined by using probes of various widths to measure accurately the actual distance from the tank wall to the seal and multiplying each such width by its respective circumferential distance.

(3) Add the gap surface area of each gap location for the primary seal and the secondary seal individually and divide the sum for each seal by the nominal diameter of the tank and compare each ratio to the respective standards in paragraph (a)(4) of this section.

(4) Make necessary repairs or empty the storage vessel within 45 days of identification in any inspection for seals not meeting the requirements listed in paragraphs (a)(4) (i) and (ii) of this section:

(i) The accumulated area of gaps between the tank wall and the mechanical shoe or liquid-mounted primary seal shall not exceed 212 cm² per meter of tank diameter, and the width of any portion of any gap shall not exceed 3.81 cm.

(A) One end of the mechanical shoe is to extend into the stored liquid, and the other end is to extend a minimum vertical distance of 61 cm above the stored liquid surface.

(B) There are to be no holes, tears, or other openings in the shoe, seal fabric, or seal envelope.

(ii) The secondary seal is to meet the following requirements:

(A) The secondary seal is to be installed above the primary seal so that it completely covers the space between the roof edge and the tank wall except as provided in paragraph (a)(2)(iii) of this section.

(B) The accumulated area of gaps between the tank wall and the secondary seal shall not exceed 21.2 cm² per meter of tank diameter, and the width of any portion of any gap shall not exceed 1.27 cm.

(C) There are to be no holes, tears, or other openings in the seal or seal fabric.

**SECTION E. Source Group Restrictions.**

(iii) If a failure that is detected during inspections required in paragraph (b)(1) of 40 CFR § 60.113b(b) cannot be repaired within 45 days and if the vessel cannot be emptied within 45 days, a 30-day extension may be requested from the Administrator in the inspection report required in 40 CFR § 60.115b(b)(4). Such extension request must include a demonstration of unavailability of alternate storage capacity and a specification of a schedule that will assure that the control equipment will be repaired or the vessel will be emptied as soon as possible.

(5) Notify the Administrator 30 days in advance of any gap measurements required by paragraph (a)(1) of this section to afford the Administrator the opportunity to have an observer present.

(6) Visually inspect the external floating roof, the primary seal, secondary seal, and fittings each time the vessel is emptied and degassed.

(i) If the external 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, the owner or operator shall repair the items as necessary so that none of the conditions specified in this paragraph exist before filling or refilling the storage vessel with VOL.

(ii) For all the inspections required by paragraph (a)(6) of this section, the owner or operator shall notify the Administrator in writing at least 30 days prior to the filling or refilling of each storage vessel to afford the Administrator the opportunity to inspect the storage vessel prior to refilling. If the inspection required by paragraph (a)(6) of this section is not planned and the owner or operator could not have known about the inspection 30 days in advance of refilling the tank, the owner or operator shall notify the Administrator at least 7 days prior to the refilling of the storage vessel. Notification shall be made by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, this notification including the written documentation may be made in writing and sent by express mail so that it is received by the Administrator at least 7 days prior to the refilling.

(c) [NA]

(d) [NA]

VII. ADDITIONAL REQUIREMENTS.

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

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

**SECTION F. Alternative Operation Requirements.**

No Alternative Operations exist for this Title V facility.

**SECTION G. Emission Restriction Summary.**

Source Id	Source Description		
731	BACK-UP GENERATOR		
Emission Limit		Pollutant	
2.750	Tons/OZNESEAS		NOX
6.600	Tons/Yr	12-month rolling sum	NOX
100.000	Lbs/Hr		NOX
1,000.000	Lbs/Day		NOX
500.000	PPMV	dry basis	SOX
0.400	gr/DRY FT3	particulate matter	TSP

Site Emission Restriction Summary

Emission Limit		Pollutant	
25.000	Tons/Yr	aggregate HAPs	Hazardous Air Pollutants
10.000	Tons/Yr	any single HAP	Hazardous Air Pollutants

**SECTION H. Miscellaneous.**

(a) The Department has determined that the emissions from the following activities, excluding those indicated as site level requirements, in Section C of this permit, do not require limitations, monitoring, or recordkeeping:

- (1) Company mobile equipment
- (2) Maintenance Shop Operations
 - (i) Degreaser
- (3) Tank Painting Maintenance (the painting of tanks occurs every 8-10 years)
- (4) 250-Gal Diesel Tank (the fuel is used for facility equipment - Diesel generator)
- (5) Water transfer to Tanker Truck (The emissions from this unit are primarily water vapor. The VOC emissions are estimated to be 0.005 tons/year).
- (6) Oil-Water Separator
- (7) Butane Blending System (RFD No. 23-A01-841)
- (8) 1,000-gallon diesel tank (maintenance shop)
- (9) Weil-McLain No. 2 fuel oil fired furnace (heat input rating: 212,000 Btu/hr)
- (10) Soil Vapor Extraction System with Air Stripper off-gas

(b) The following previously issued Operating Permits serve as a basis for certain terms and conditions in this Title V Operating Permit:

- (1) Operating Permit No. OP-23-312-054B: Gasoline Storage Tank #18
- (2) Operating Permit No: OP-23-312-054A: Gasoline Storage Tank #19

(c) The Department has determined that the use of the U.S. EPA AP-42 Guidance Document (for emission factors) is appropriate for determining VOC emissions for Source ID(s): 131 and 132.

(d) The Department has determined through the use of an emission factor of 0.07 g/hp-hr, the Laurel Pipe Line facility will be compliance with the particulate and SO_x standards as stated in 25 Pa. Code §§ 123.13 and 123.21, of 0.04 gr/dscf and 500 ppmv, respectively, for Source ID: 731.

(e) The report period required in Section C, VIII Compliance Certification shall be for the period of January 1st through December 31st of the previous year.

(f) The Title V Operating Permit No. 23-00040 (APS No. 346732, Auth ID 506491) has been administratively amended to incorporate the conditions from Plan Approval PA-23-0040A for Storage Tanks 18 and 19 (Source ID(s): 118 and 119).

(g) The following changes have been made in the renewed Title V Operating Permit No. 23-00040:

- (1) Section B, Condition #003: Revised the condition to change the reference to expiration date to page 1 instead of page 2.
- (2) Section B, Condition #020(b): Revised the condition to include correct EPA reporting division and mail stop address.
- (3) Section C, Condition #001: Removed to provision pertaining to 25 Pa. Code § 121.7 from Section VII. Additional Requirement (Condition #027) and placed it in Section I. (Restrictions).
- (4) Section C, Condition #016: Revised condition to include current telephone number of the DEP Regional Office.
- (5) Section C, Condition #017: Revised condition to include current telephone number of the DEP Regional Office.

**SECTION H. Miscellaneous.**

- (6) Section C, Condition #018: Added this reporting requirement for the submission deadlines for the compliance certification and deviation report.
- (7) Section C, Condition #022: Changed the reference condition for particulate sources from Condition #001 to Condition #002.
- (8) Section C, Condition #028: Added as an Additional Requirements condition the provisions of 40 CFR § 60.4 (pertaining to submissions of reports, applications, and submittals to the EPA and the Department).
- (9) Section C, Condition #029: Added as an Additional Requirements conditions the provisions of 40 CFR § 63.423, Subpart R as an applicable condition for the entire facility.
- (10) Section D, Condition #001, Source ID(s): 101, 102, 103, 104, 105, 106, 107, and 108: This condition, containing the provisions of 25 Pa. Code § 129.56 for Storage tanks greater than 40,000 gallons capacity containing VOCs, has been moved to Section VI. Work Practice Standards (Condition #005).
- (11) Section D, Source ID(s): 101, 102, 103, 104, 105, 106, 107, and 108, Conditions #003: This condition containing the provisions of 40 CFR § 60.11b for Volatile Organic Liquid Storage Vessels has revised as two (2) separate recordkeeping requirement (Conditions #003 and #004) under the regulatory citation of 25 Pa. Code § 127.441.
- (12) Section D, Source ID(s): 109, 110, 111, 112, 113, 114, 115, 116, and 117, Condition #001: This condition, containing the provisions of 25 Pa. Code § 129.56 [Storage tanks greater than 40,000 gallons capacity containing VOCs], has been revised to include addition requirements for the external floating roofs (e.g., primary and secondary continuous seals, seal closure devices, and vapor-mounted primary seals) and has moved to Section VI. Work Practice Standards (Condition #005).
- (13) Section D, Source ID(s): 109, 110, 111, 112, 113, 114, 115, 116, and 117, Condition #004: This condition containing the provisions of 40 CFR § 60.116b for Volatile Organic Liquid Storage Vessels has revised as two (2) separate recordkeeping requirement (Conditions #003 and #004) under the regulatory citation of 25 Pa. Code § 127.441.
- (14) Section D, Source ID(s): 109, 110, 111, 112, 113, 114, 115, 116, and 117, Condition #006: This condition containing the provision of 40 CFR § 60.115b has been deleted.
- (15) Section D, Source ID(s): 109, 110, 111, 112, 113, 114, 115, 116, and 117, Condition #008: This condition containing the provision of 40 CFR § 60.112b has been deleted.
- (16) Section D, Source ID: 117, Condition #002: Removed the testing requirement condition for this source.
- (17) Section D, Source ID(s): 118 and 119, Condition #001: Revised this emission restriction condition to limit volatile organic compounds emission from Gasoline Storage Tanks No. 18 and 19 (Source ID(s): 118 and 119) to less than 17.5 tons per year as a twelve (12) month rolling sum. This emission limit includes 13.48 tons per year that are associated with floating-roof landing losses.
- (18) Section D, Source ID: 118, Condition #002: This condition, containing the provisions of 25 Pa. Code § 129.56 [Storage tanks greater than 40,000 gallons capacity containing VOCs], has been revised to include addition requirements for the internal floating roofs (e.g., primary seal), and has moved to Section VI. Work Practice Standards (Condition #004).
- (19) Section D, Source ID: 118, Condition #003: The Throughput Restriction condition (e.g., 18,900,000 gallons per year) has been deleted.
- (20) Section D, Source ID: 118, Condition #004: This testing requirement condition containing the provisions of 40 CFR § 60.113b, Subpart Kb has been deleted.
- (21) Section D, Source ID: 118, Condition #005: This monitoring requirement condition has been deleted.
- (22) Section D, Source ID: 118, Condition #006 (now Condition #002): This condition has been revised as follows to require monitoring of the following parameters:
- (i) The daily throughput, in gallons, on a monthly basis;
 - (ii) The type and vapor pressure of the volatile organic liquid (VOL) stored, on a monthly basis;

**SECTION H. Miscellaneous.**

(iii) The total VOC emissions, calculated on a monthly basis.

(23) Section D, Source ID: 118, Condition #007: This condition containing the provisions of 40 CFR § 60.116b, Subpart Kb has been deleted.

(24) Section D, Source ID: 118, Condition #008: This recordkeeping requirement condition has been deleted.

(25) Section D, Source ID: 118, Condition #009 (now Condition #003): This requirement condition has been revised as follows to require recordkeeping of the parameters:

(i) The daily throughput, in gallons, on a monthly basis;

(ii) The type and vapor pressure of the volatile organic liquid (VOL) stored, on a monthly basis;

(iii) The total VOC emissions, calculated on a monthly basis.

(26) Section D, Source ID: 118, Condition #010: This condition containing the provisions of 40 CFR § 60.115b, Subpart Kb has been deleted.

(27) Section D, Source ID: 118, Condition #011: This Work Practice Standard condition has been deleted.

(28) Section D, Source ID: 118, Condition #012: This condition containing the provisions of 40 CFR § 60.112b, Subpart Kb has been deleted.

(29) Section D, Source ID: 119, Condition #002: This condition, containing the provisions of 25 Pa. Code § 129.56 [Storage tanks greater than 40,000 gallons capacity containing VOCs], has been revised to include addition requirements for the external floating roofs (e.g., primary and secondary continuous seals, seal closure devices, and vapor-mounted primary seals), and has moved to Section VI. Work Practice Standards (Condition #005).

(30) Section D, Source ID: 119, Condition #003: The Throughput Restriction condition (e.g., 131,893,461 gallons per year) has been deleted.

(31) Section D, Source ID: 119, Condition #004: This testing requirement containing the provisions of 40 CFR § 60.113b, Subpart Kb has been deleted.

(32) Section D, Source ID: 119, Condition #005: This monitoring requirement condition has been deleted.

(33) Section D, Source ID: 119, Condition #006 (now Condition #002): This condition has been revised as follows to require monitoring of the following parameters:

(1) The daily throughput, in gallons, on a monthly basis;

(2) The type and vapor pressure of the volatile organic liquid (VOL) stored, on a monthly basis;

(3) The total VOC emissions, calculated on a monthly basis.

(34) Section D, Source ID: 119, Condition #007: This condition containing the provisions of 40 CFR § 60.116b, Subpart Kb has been deleted.

(35) Section D, Source ID: 119, Condition #008: This monitoring requirement condition has been deleted.

(36) Section D, Source ID: 118, Condition #009 (now Condition #003): This requirement condition has been revised as follows to require recordkeeping of the parameters:

(1) The daily throughput, in gallons, on a monthly basis;

(2) The type and vapor pressure of the volatile organic liquid (VOL) stored, on a monthly basis;

(3) The total VOC emissions, calculated on a monthly basis.

**SECTION H. Miscellaneous.**

(37) Section D, Source ID: 119, Condition #010: This condition containing the provisions of 40 CFR § 60.115b, Subpart Kb has been deleted.

(38) Section D, Source ID: 119, Condition #011 (now Condition #004): This Work Practice Standard condition has been revised as follows:

"The permittee shall ensure that Storage Tank 019 (Source ID: 119) is equipped with an external floating roof with a mechanical shoe primary seal coupled with the rim-mounted secondary seal."

(39) Section D, Source ID: 119, Condition #012: This condition containing the provisions of 40 CFR § 60.112b, Subpart Kb has been deleted.

(40) Section D, Source ID: 731, Condition #001: Revised this condition to add a reference to Method 5 of 40 CFR 60, Appendix A.

(41) Section D, Source ID: 731, Condition #004: Revised this condition to require monitoring of the hours of operation daily, when operating, on a twelve (12) month rolling basis.

(42) Section D, Source ID: 731, Condition #004: Revised this condition to require maintaining records of the hours of operation daily, when operating, on a twelve (12) month rolling basis.

The following revisions were made as a result of the company comments on the proposed, draft TVOP:

(43) Title/Cover Page: Changed the name of the Responsible Official to Mr. Brain K. Jury, Vice-President, Field Operations.

(44) Title/Cover Page: Changed the name of the Permit Contact to Mr. Jason Mengel, Sr. Environmental Specialist.

(h) The Title V Operating Permit No. 23-00040 (APS No. 346732, Auth ID 642005) has been renewed.

(i) The Title V Operating Permit No. 23-00040 (APS No. 346732, Auth ID 897063) has been renewed.

(1) The following RFD's have been incorporated into the renewed TVOP-23-00040:

- RFD No. 488 for the installation of a 2nd air stripping tower
- RFD No. 1964 for the modification of Tank 10 (increased height of tank),
- RFD No. 2041 for the modification of Tank 10 (installation of a slotted guidepole)
- RFD No. 2610 for the temporary installation of a vapor combustion unit (VCU)
- RFD No. 3176 for the installation of an air sparge and oil extraction system

(j) The Title V Operating Permit No. 23-00040 (APS No. 346732, AUTH ID 1154601) has been renewed.

(1) The following change has been made to the renewed TVOP 23-00040:

(i) Title/Cover Page: Changed the name of the Responsible Official to Michael Testa, Asst. Operations Manager.

(ii) Title/Cover Page: Changed the name of the Permit Contact Person to Timothy Conlin, HSSE Specialist.

(k) Title V Operating Permit No. 23-00040 (APS ID: 346732, Auth ID: 1375273) has been modified to incorporate the applicable requirements of 40 CFR 60, Subpart Kb to Tank 9 (Source ID: 109). The modification will allow the replacement of the sample well with a new slotted guidepole.

(l) Title V Operating Permit No. 23-00040 (APS ID: 346732, Auth ID: 1409953) has been modified to incorporate the applicable requirements of 40 CFR 60, Subpart Kb to Tank 15 (Source ID: 115) and Tank 16 (Source ID: 116). The modification will allow the replacement of sample wells with new slotted guidepoles.



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