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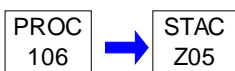
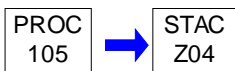
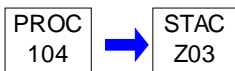
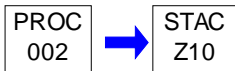
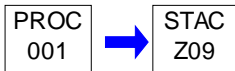
F-I: Restrictions
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**SECTION A. Site Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
001	GAS TANK #1: 273,000-GAL, INT FLOAT ROOF	4,675.000 Gal/HR	GAS/ETOH/PETROL DIST
002	GAS TANK #2: 273,000-GAL, INT FLOAT ROOF	4,675.000 Gal/HR	GASOLINE(S)/ETOH/PETF
104	GAS TANK #103: 1,785,000-GAL, INT FLOAT ROOF	16,854.000 Gal/HR	GASOLINE(S)/PETROL DI
105	GAS TANK #104: 1,785,000-GAL, INT FLOAT ROOF	16,854.000 Gal/HR	GASOLINE(S)/PETROL DI
106	GAS TANK #105: 2,276,400-GAL, INT FLOAT ROOF	21,494.000 Gal/HR	GASOLINE(S)/PETROL DI
108	GAS TANK #106: 3,360,000-GAL, INT FLOAT ROOF	37,541.000 Gal/HR	GASOLINE(S)
109	GAS TANK #3: 121,800-GAL, INT FLOAT ROOF	1,991.000 Gal/HR	GASOLINE(S)/ETOH/PETF
121	PETROL TANK #100: 4,057,200-GAL, FIXED ROOF	31,269.000 Gal/HR	PETROLEUM DISTILLATE
122	GAS TANK #101: 2,268,000-GAL, INT FLOAT ROOF	20,612.000 Gal/HR	GASOLINE(S)/PETROL DI
123	PETROL TANK #102: 1,785,000-GAL, FIXED ROOF	13,892.000 Gal/HR	PETROLEUM DISTILLATE
124	PETROL TANK #4: 121,800-GAL, FIXED ROOF	1,401.000 Gal/HR	PETROLEUM DISTILLATE
126	SUMP-1: 5,000 GAL UNDERGROUND STORAGE TANK	100.000 Gal/HR	GASOLINE(S)
Z02	GAS TANK 101 FUGITIVE EMISSIONS		
Z03	GAS TANK 103 FUGITIVE EMISSIONS		
Z04	GAS TANK 104 FUGITIVE EMISSIONS		
Z05	GAS TANK 105 FUGITIVE EMISSIONS		
Z06	GAS TANK 3 FUGITIVE EMISSIONS		
Z07	GAS TANK 106 FUGITIVE EMISSIONS		
Z08	PETROL TANK 4 FUGITIVE EMISSIONS		
Z09	GAS TANK 1 FUGITIVE EMISSIONS		
Z10	GAS TANK 2 FUGITIVE EMISSIONS		
Z11	PETROL TANK 100 FUGITIVE EMISSIONS		
Z12	PETROL TANK 102 FUGITIVE EMISSIONS		

PERMIT MAPS



PERMIT MAPS

PROC 108 → STAC Z07

PROC 109 → STAC Z06

PROC 121 → STAC Z11

PROC 122 → STAC Z02

PROC 123 → STAC Z12

PROC 124 → STAC Z08

**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]**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.

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

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

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

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

(1) The Department determines that no other change in the permit is necessary;

(2) A written agreement has been submitted to the Department identifying the specific date of the transfer of permit responsibility, coverage and liability between the current and the new permittee; and,

(3) A compliance review form has been submitted to the Department and the permit transfer has been approved by the Department.

**SECTION B. General Title V Requirements**

(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.

#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

**SECTION B. General Title V Requirements**

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].

#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

**SECTION B. General Title V Requirements**

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).

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

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

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

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(e) The permittee shall pay an annual operating permit administration fee according to the fee schedule established in 25 Pa. Code § 127.704(c) if the facility, identified in Subparagraph (iv) of the definition of the term "Title V facility" in 25 Pa. Code § 121.1, is subject to Title V after the EPA Administrator completes a rulemaking requiring regulation of those sources under Title V of the Clean Air Act.

(f) This permit condition does not apply to a Title V facility which qualifies for exemption from emission fees under 35 P.S. § 4006.3(f).

#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.
- (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.

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(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 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,

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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:

Office of Air Enforcement and Compliance Assistance (3AP20)
United States Environmental Protection Agency
Region 3
1650 Arch Street
Philadelphia, PA 19103-2029

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

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

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

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

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

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

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

**SECTION B. General Title V Requirements**

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

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

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

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

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

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

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

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

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

(b) The compliance certification shall be postmarked or hand-delivered no later than thirty days after each anniversary of the date of issuance of this Title V Operating Permit, or on the submittal date specified elsewhere in the permit, to the Department and EPA in accordance with the submission requirements specified in condition #022 of this section.

#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)

**SECTION B. General Title V Requirements**

- (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.
- (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.

**SECTION B. General Title V Requirements**

(2) The permittee fails to submit a compliance schedule or include a statement in the compliance certification required under Condition #26 of Section B of this Title V 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.**

The permittee shall not cause or permit air pollution as that term is defined in the Air Pollution Control Act (35 P.S. § 4003).

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

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

- (1) construction or demolition of buildings or structures;
- (2) grading, paving and maintenance of roads and streets;
- (3) use of roads and streets. Emissions from material in or on trucks, railroad cars and other vehicular equipment are not considered as emissions from use of roads and streets;
- (4) clearing of land;
- (5) stockpiling of materials;
- (6) open burning operations, as specified in 25 Pa. Code § 129.14;
- (7) blasting in open pit mines. Emissions from drilling are not considered as emissions from blasting;
- (8) coke oven batteries, provided the fugitive air contaminants emitted from any coke oven battery comply with the standards for visible fugitive emissions in 25 Pa. Code §§ 123.44 and 129.15 (relating to limitations of visible fugitive air contaminants from operation of any coke oven battery; and coke pushing operations); and
- (9) sources and classes of sources other than those identified in (1)-(8), above, for which the permittee has obtained a determination from the Department that fugitive emissions from the source, after appropriate control, meet the following requirements:
 - (i) the emissions are of minor significance with respect to causing air pollution; and
 - (ii) the emissions are not preventing or interfering with the attainment or maintenance of any ambient air quality standard.

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

A person may not permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in Condition #002(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 minutes in any 1 hour; or
- (b) equal to or greater than 60% at any time.

**SECTION C. Site Level Requirements****# 006 [25 Pa. Code §123.42]****Exceptions**

The limitations of Condition #005, of this Section, shall not apply to a visible emission in either of the following instances:

- (a) when the presence of uncombined water is the only reason for failure to meet the limitations; or
- (b) when the emission results from the sources specified in Condition #002, of this Section.

007 Elective Restriction

[25 Pa. Code § 127.441]

Operating permit terms and conditions.

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

The permittee shall ensure that emission into the outdoor atmosphere of hazardous air pollutants (HAPs) from this facility occurs in such a manner that the rate of the emission is both of the following:

- (a) Less than 10 tons/yr for any individual HAP, calculated monthly as a twelve (12)-month rolling sum.
- (b) Less than 25 tons/yr for total HAPs, calculated monthly as a twelve (12)-month rolling sum.

[Compliance with this permit condition assures that the permittee will not be subject to the provisions of 40 C.F.R. Part 63, Subpart R, pursuant to 40 CFR Section 63.402(b)(2). Note that the Malvern Terminal TVOP 15-00008 and the Malvern Station TVOP 15-00105 are considered a single source for this condition, pursuant to Condition #038(b) of this section.]

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

Throughput Restriction(s).**# 009 Elective Restriction**

[25 Pa. Code § 127.441]

Operating permit terms and conditions.

**SECTION C. Site Level Requirements**

The permittee shall ensure that the amount of gasoline(s) delivered to this facility via either pipeline or tanker truck does not exceed 1,000,000,000 gallons in any consecutive twelve (12)-month period.

[Compliance with this permit condition assures that the permittee will not be subject to the provisions of 40 C.F.R. Part 63, Subpart R pursuant to 40 CFR Section 63.420(b)(2) .]

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

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.443(b).]

(a) If, at any time, the Department has cause to believe that air contaminant emissions from any source(s) listed in Sections A or H, of this permit, may be in excess of the restrictions 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 perform whatever test(s) is deemed necessary by the Department to determine the actual emission rate(s).

(b) Any test(s) required in (a), above, shall be performed in accordance with the provisions of 25 Pa. Code Chapter 139, 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.

011 elective restriction

[25 Pa. Code § 127.441]

Operating permit terms and conditions.

(a) The permittee shall perform tests of all volatile petroleum liquids stored and distributed at this facility to determine their respective VOC and HAP contents, as follows:

(1) In accordance with the provisions of 25 Pa. Code Chapter 139.

(2) On a quarterly basis.

(b) The testing requirements indicated in (a)(1)–(2), above, may be waived if the VOC or HAP content of the volatile petroleum liquid can be demonstrated from documentation provided by the manufacturer, representative testing results, EPA emission factors, or industry compilations of emission factors, accepted by the Department. Under all circumstances, the permittee shall ensure that the methodology used consistently yields the highest estimation of VOCs and HAPs in the volatile petroleum liquids stored at the facility.

III. MONITORING REQUIREMENTS.**# 012 [25 Pa. Code §123.43]****Measuring techniques**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.511(a)(1)–(3).]

The permittee may measure visible air contaminant emissions 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.

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

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.511(a)(1)–(3).]

**SECTION C. Site Level Requirements**

- (a) The permittee shall monitor this facility, at least once per operating day when manned, for the following:
- (1) odors which may be objectionable (as per 25 Pa. Code §123.31);
 - (2) visible emissions (as per 25 Pa. Code §§123.41 and 123.42); and
 - (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); and
 - (4) be recorded in a permanent written log.
- (c) After six (6) months of daily monitoring, and upon the permittee's request, the Department will determine the feasibility of decreasing the monitoring frequency to weekly.
- (d) After six (6) months of weekly monitoring, and upon the permittee's request, the Department will determine the feasibility of decreasing the frequency of monitoring to monthly.
- (e) The Department reserves the right to change the above monitoring requirements at any time, based on but not limited to: the review of the compliance certification (if applicable), complaints, monitoring results, and/or Department findings.

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

The permittee shall monitor the amount of gasoline delivered to this facility via pipeline and, when applicable, tanker truck on a daily, monthly and 12-month rolling basis.

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

- (a) The permittee shall calculate the following emissions from this facility on a monthly and 12-month rolling basis, using the methodology in paragraph (c) of this condition:
- (1) The total VOC emissions
 - (2) The total emissions of each individual HAP
 - (3) The total HAP emissions.
- (b) The permittee shall calculate the total VOC emissions from storage tanks #1 - #4 (Source IDs 001,002,109 and 124 respectively) on a monthly and 12-month rolling basis, using the methodology in paragraph (c) of this condition.
- (c) Calculations shall be performed using Department approved methodology.
- (i) The following methodology is approved by the Department:
- (1) VOC
 - *AP-42 Chapter 7
 - Note: DEP accepts that Buckeye's BEST program satisfies the requirement.
 - *VOC content of the liquid petroleum products stored assumed to be 100%
 - *Emission factors for tank configurations and fittings; physical properties such as vapor molecular weight, liquid density, and true vapor pressure; and meteorological data for the Philadelphia area shall be taken from Chapter 7 of the AP-42.
 - *Reid vapor pressures for gasoline shall be representative of the product stored and shall be reported to the Department upon request.
 - *Tank cleaning emissions using procedures in American Petroleum Institute Technical Report 2568.
- (2) HAPs

**SECTION C. Site Level Requirements**

Calculated as a fraction of VOC emissions using vapor phase fractions obtained from sources as described in Condition #012 (b). The permittee shall report specific sources of the data in current use to the Department upon request.

- (ii) The Department may approve other methodologies or data upon written notice and description by the permittee.
- (iii) The Department reserves the right to request a change in the calculation methodology used.

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

All records, reports, and analysis results generated in compliance with the requirements of any section of this permit shall be maintained in accordance with Condition # 024(b), Section B, of this permit, and shall be made available to the Department upon written or verbal request within a reasonable time.

[Compliance with this permit condition assures compliance with the recordkeeping timeframes specified in 40 C.F.R. §§ 63.11094(a) and 70.6(a)(3)(ii)(B).]

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

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.511(b)(1)–(2).]

(a) The permittee shall maintain records of all monitoring of odors and visible and fugitive air contaminant emissions, including deviations from the conditions found in Section C, of this permit. All records of deviations shall contain, at a minimum, the following items for each incident:

- (1) A description of the deviation.
- (2) The source(s) and/or associated air pollution control device(s) and location(s).
- (3) The starting and ending date(s) and times.
- (4) The wind direction during the deviation.
- (5) The cause(s).
- (6) The corrective action(s) taken to abate the situation and prevent future occurrences.
- (7) The name and signature of the company representative.

(b) The monitoring shall be recorded and maintained in a Department-approved format and time frame.

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

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

- (a) emissions increase of minor significance without notification to the Department.
- (b) de minimis increases with notification to the Department, via letter.
- (c) increases resulting from a Request for Determination (RFD) to the Department.
- (d) increases resulting from the issuance of a plan approval and subsequent operating permit.

**SECTION C. Site Level Requirements****# 019 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code §§ 127.443(b) and 129.56(f)(3).]

The permittee shall maintain and update records of the following operating parameters for each volatile petroleum liquid stored in each storage tank (Source IDs 001–002, 104–106, 108–109, and 121–126) at this facility on a monthly basis:

- (a) The name and type of the volatile petroleum liquid stored.
- (b) The throughput.
- (c) The starting and ending dates of storage.
- (d) The average storage temperature for the hottest month of the year in which the storage takes place.
- (e) The maximum true vapor pressure of the volatile petroleum liquid as stored.

020 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The permittee shall maintain records of the amount of gasoline delivered to this facility via pipeline and, when applicable, tanker truck on a daily, monthly, and 12-month rolling basis.

021 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 63.11087(e), 63.11089(b) and (g), and 63.11094(d), and 25 Pa. Code § 127.35(b).]

(a) The permittee shall maintain a log book for each piece of equipment in gasoline service (i.e., each pipe, 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 and processing systems) at this facility. The log book shall contain a listing, description, and/or diagram(s) that includes and/or shows the following information for each piece of equipment in gasoline service:

- (1) The identification numbers of the piece of equipment and the associated storage tank.
 - (2) The type.
 - (3) The location.
- (b) The log book shall also contain a full description of any instrument program implemented as part of the leak inspections for each piece of equipment in gasoline service at the facility, as indicated in Section D, of this permit, as follows:
- (1) Section D, Condition # 012 under each source for Source ID Nos. 002, 104, 105, 106, 108, 109, and 122 of this permit.
 - (2) Section D, Condition # 013 under Source ID No. 001 of this permit.
- (c) The permittee shall sign the log book at the completion of each leak inspection.

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

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 63.11085(b), 63.11087(e), 63.11089(g), and 63.11094(g)(1)–(2), and 25 Pa. Code § 127.35(b).]

The permittee shall maintain records of the information specified in Condition # 026(c)(1)–(3) and (7), Section C, of this

**SECTION C. Site Level Requirements**

permit, for each gasoline storage tank (i.e., Source IDs 001–002, 104–106, 108–109, and 122) at this facility.

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

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.62(a).]

The permittee shall maintain records of all gasoline discharges of more than twenty-five (25) gallons to a containment area or structure around an aboveground storage tank, more than five (5) gallons to a synthetic surface, or more than one (1) gallon to surface soils (hereinafter referred to as releases) at this facility. The records shall contain, at a minimum, the following items for each release:

- (a) The source(s) and location(s) (including surface type).
- (b) The starting and ending date(s) and times.
- (c) The quantity of gasoline released.
- (d) The wind direction.
- (e) The cause(s).
- (f) The corrective action(s) taken to abate the situation and prevent future occurrences.
- (g) The name and signature of the company representative.

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

(a) The permittee shall maintain records of the following emissions from this facility on a monthly and 12-month rolling basis, calculated pursuant to Condition #016(c) of this Section, including the calculation methodology:

- (1) The total VOC emissions.
- (2) The total emissions of each individual HAP.
- (3) The total HAP emissions.

(b) The permittee shall maintain records of the total VOC emissions from storage tanks #1–#4 (Source IDs 001, 002, 109, and 124, respectively) on a monthly and 12-month rolling basis.

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

[Additional authority for this permit condition is also derived from 25 Pa. Code §§ 127.443(b) and 127.511(c)(2).]

(a) The permittee shall, within two (2) hours of discovery of any occurrence, notify the Department, at (484) 250-5920, of any malfunction(s) of a source(s) and/or associated air pollution control device(s) listed in Sections A or H, of this permit, which results in, or may possibly result in, the emission of air contaminants in excess of the restrictions specified in this permit or established pursuant to any applicable rule or regulation contained in 25 Pa. Code, Article III.

(b) Any malfunction(s) that occurs at this facility, and poses an imminent danger to public health, safety, welfare, and the environment, or would violate permit conditions if the source(s) and/or associated air pollution control device(s) were to continue to operate after the malfunction(s), shall immediately be reported to the Department by telephone at the above number.

**SECTION C. Site Level Requirements**

(c) A written report shall be submitted to the Department within two (2) working days following the notification of the incident, and shall describe, at a minimum, the following:

- (1) The malfunction(s).
- (2) The source(s) and/or associated air pollution control device(s) and location(s).
- (3) The duration (including the starting and ending date(s) and times).
- (4) The cause(s).
- (5) The emission(s).
- (6) The amount of VOCs lost (liquid fraction).
- (7) Any action(s) taken to minimize emissions, in accordance with Condition # 034, Section C, of this permit, including any corrective action(s) taken to restore malfunctioning equipment to its normal or usual manner of operation.

026 [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)(2) and 129.62(a).]

The permittee shall notify the Department, as soon as practicable, of any release of gasoline that is not under control, not completely contained, and not completely recovered within two (2) hours of discovery of its occurrence, at (484) 250-5920. The permittee shall describe, to the extent information is available, the following information for each release:

- (a) The source and location (including surface type).
- (b) The starting date and time.
- (c) The quantity of gasoline involved.
- (d) All interim remedial actions planned, initiated, and/or completed.

027 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 63.11085(b), 63.11087(e), 63.11089(g), and 63.11095(a)(1) and (3), (b)(5)(i)–(iv), and (d), and 25 Pa. Code §§ 127.35(b) and 127.511(c)(2).]

(a) The permittee shall submit, to the Department, the following semi-annual reports for the gasoline storage tanks, including the internal floating roofs and associated components, and associated pieces of equipment in gasoline service, at this facility:

- (1) A compliance report, which includes the following information:
 - (i) The information specified in Section D, of this permit, as follows:
 - (A) Conditions # 002(a)–(c) and 006(a)–(c), Section D (under Source ID Nos. 002, 104, 106, 109, and 122), of this permit.
 - (B) Conditions # 003(a)–(c) and 007(a)–(c), Section D (under Source IDs 001, 105, and 108), of this permit.
 - (ii) The number of leaks not repaired within fifteen (15) calendar days after detection.
- (2) An excess emissions report, which includes the information specified in Section D, of this permit, as follows, for each leak for which repair was either not attempted within five (5) calendar days or completed within fifteen (15) calendar days

**SECTION C. Site Level Requirements**

after detection:

- (i) Condition # 004(c), (f)(1)–(2), (g), and (i), Section D (under Source ID 002), of this permit.
 - (ii) Condition # 005(c), (f)(1)–(2), (g), and (i), Section D (under Source IDs 001, 104, 106, 108, 109 and 122), of this permit.
 - (iii) Condition # 006(c), (f)(1)–(2), (g), and (i), Section D (under Source ID 105), of this permit.
- (3) A malfunction report, which includes the following information:
- (i) The total number of malfunctions.
 - (ii) The information specified in Condition # 026(c)(1)–(3) and (7), Section C, of this permit, for each malfunction.
- (b) The reports indicated in (a)(1)–(3), above, shall be submitted according to the following schedule:
- (1) By April 1, of each year, for the period covering July 1–December 31, of the previous year.
 - (2) By October 1, of each year, for the period covering January 1–June 30, of the same year.

028 [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, to the Department, the following reports (in paper form), in accordance with Conditions # 026(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. The permittee shall also submit, to the EPA, the annual certificate of compliance in electronic form, at R3_APD_Permits@epa.gov. [Note: Compliance with 40 C.F.R. § 63.11092(a)(2) may be demonstrated via the annual certificate of compliance.]
- (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 fulfills the obligation for the second deviation reporting period (i.e., July 1–December 31, of the previous year).]

029 [25 Pa. Code §135.21]**Emission statements**

The permittee shall submit, to the Department, by March 1, of each year, an annual emission statement 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 officer or the plant manager that the information contained in the statement is true and accurate.

030 [25 Pa. Code §135.3]**Reporting**

- (a) The permittee shall submit, to the Department, by March 1, of each year, a source report for the preceding calendar year. The report shall include information from each previously-reported source(s), a new source(s) which was first operated during the preceding calendar year, and each source(s) modified during the same period that was not previously reported, including any source(s) listed in the Miscellaneous Section, of this permit.
- (b) The permittee may request an extension of time from the Department for the filing of a source report, and the Department may grant the extension for reasonable cause.

VI. WORK PRACTICE REQUIREMENTS.**# 031 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

**SECTION C. Site Level Requirements**

A person responsible for any source specified in Condition #002, above, 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, oil, water, or suitable chemicals on dirt roads, material stockpiles, and other surfaces that may give rise to airborne dusts.
- (c) Paving and maintenance of roadways.
- (d) Prompt removal of earth or other material from paved roads or streets onto which earth or other material has been transported by trucking or earth moving equipment, erosion by water, or other means.

032 [25 Pa. Code §127.11]**Plan approval requirements.**

Except as provided in 25 Pa. Code §§ 127.11a (relating to reactivation of sources) and 127.215 (relating to reactivation), the permittee shall not construct or modify an air contamination source, reactivate an air contamination source after the source has been out of operation or production for one (1) year or more, or install an air cleaning device on an air contamination source, unless the construction, modification, reactivation or installation has been approved by the Department.

033 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 40 C.F.R. § 63.11085(a) and 25 Pa. Code §§ 127.35(b), 127.443(b), and 127.444.]

The permittee shall ensure that all source(s) and associated air pollution control device(s) listed in Sections A and H, of this permit, are operated and maintained in a manner consistent with good operating and maintenance, safety, and air pollution control practices, and in accordance with the manufacturers' specifications.

034 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.62(a).]

The permittee shall not handle gasoline at this facility in a such a manner that results in its uncontrolled evaporation to the atmosphere, including, but not limited to, the following:

- (a) Discharge into sewers.
- (b) Storage in open containers.

035 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The permittee shall immediately, upon discovery, implement measures, which may include the application for the installation of an air pollution control device(s), if necessary, to reduce the air contaminant emissions to within applicable restrictions, if at any time the operation of a source(s) listed in Sections A or H, of this permit, is causing the emission of air contaminants in excess of the restrictions specified in this permit or established pursuant to any applicable rule or regulation contained in 25 Pa. Code, Article III.

036 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

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

**SECTION C. Site Level Requirements****VII. ADDITIONAL REQUIREMENTS.****# 037 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) Buckeye Pipe Line Transportation LLC (Tax ID 37-1504935-1) and Buckeye Terminals, LLC (Tax ID 23-3045458-1), both located at 8 South Malin Road, Malvern, PA 19355 (East Whiteland Township, Chester County), shall be treated as a single major source for the purpose of applicability determinations.

(b) The aggregate of all pollutant emissions from both Buckeye Pipe Line Transportation LLC (Title V Operating Permit No. 15-00105) and Buckeye Terminals, LLC (Title V Operating Permit No. 15-00008), shall be considered in the Department's and EPA's determinations of applicability for air programs including, but not limited to, the following:

- (1) Prevention of Significant Deterioration (PSD).
- (2) New Source Review (NSR).
- (3) Maximum Achievable Control Technology (MACT) standards.
- (4) Accidental release prevention program requirements.

(c) Any increase in emissions from pollutant-emitting activities at either plant shall be combined and aggregated to determine whether an applicable requirement is triggered at the site.

038 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The permittee shall not reactivate storage tank #5 (formerly Source ID 125) prior to obtaining Department approval.

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.

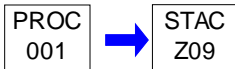
***** Permit Shield In Effect *****

**SECTION D. Source Level Requirements**

Source ID: 001

Source Name: GAS TANK #1: 273,000-GAL, INT FLOAT ROOF

Source Capacity/Throughput: 4,675.000 Gal/HR GAS/ETOH/PETROL DISTILLATE

**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 operating parameters for this storage tank:

- (a) The name(s) and type(s) of the volatile petroleum liquid(s) stored.
- (b) The throughput, on a daily basis.
- (c) The throughput of each product stored on a monthly and 12-month rolling basis.

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

[Additional authority for this permit condition is also derived from 40 C.F.R. § 60.116b(c) and 25 Pa. Code Chapter 122 and §§ 127.443(b) and 129.56(f)(3).]

The permittee shall maintain records of the following operating parameters for each volatile petroleum liquid stored in this storage tank:

- (a) The name and type of the volatile petroleum liquid stored.
- (b) The throughput, on a daily basis.
- (c) The starting and ending dates of storage.
- (d) The average storage temperature for the hottest month of the year in which the storage takes place.
- (e) The maximum true vapor pressure of the volatile petroleum liquid as stored.
- (f) The throughput of each product stored on a monthly and 12-month rolling basis.

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

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 60.115b(a)(2), 63.11087(e), and 63.11094(a), and 25 Pa. Code Chapter 122 and §§ 127.35(b), 127.443(b), and 129.56(f)(3).]

**SECTION D. Source Level Requirements**

The permittee shall maintain records of all maintenance inspections for the internal floating roof of this storage tank, performed in accordance with Condition # 013(a)–(b), Section D (under Source ID 001), of this permit. These records shall contain, at a minimum, the following for each inspection:

- (a) The date and time of the inspection.
- (b) The observed condition of the internal floating roof and each associated component of this storage tank, as indicated in Condition # 012(a)–(d) and (f), Section D (under Source ID 001), of this permit, including any defect(s), as specified in Condition # 013(a)–(b), Section D (under Source ID 001), of this permit.
- (c) Any maintenance and/or repairs performed.

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

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.443(b).]

The permittee shall maintain records of the following emissions from this storage tank on a monthly and on a 12-month rolling basis, calculated using the methodology in Section C, Condition #016(c):

- (a) The total VOC emissions.
- (b) The total emissions of each individual HAP.
- (c) The total HAP emissions.

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

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 63.11087(e), 63.11089(c) and (g), and 63.11094(e)(1)–(7), and 25 Pa. Code Chapter § 127.35(b).]

The permittee shall maintain records of the following information, in the log book indicated in Condition # 022, Section C, of this permit, for each piece of equipment in gasoline service associated with this storage tank for which a leak is detected:

- (a) The identification number.
- (b) The type.
- (c) The date of detection.
- (d) The detection method(s) used (i.e., sight, sound, and/or smell).
- (e) The nature of the leak (i.e., vapor or liquid).
- (f) The following for each attempt to repair the leak:
 - (1) The date.
 - (2) The repair method(s) applied.
- (g) The reason(s) for any delay in repairing the leak (if not repaired within fifteen (15) calendar days after detection).
- (h) The expected date of successful repair of the leak (if not repaired within fifteen (15) calendar days after detection).
- (i) The date of successful repair of the leak.

**SECTION D. Source Level Requirements****# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 40 C.F.R. § 60.116b(a) and (b) and 25 Pa. Code Chapter 122.]

The permittee shall maintain records of the dimensions and capacity of this storage tank in a readily accessible format for the life of the storage tank.

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

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 60.115b(a)(3), 63.11087(e), and 63.11095(a)(1), and 25 Pa. Code Chapter 122 and § 127.35(b).]

The permittee shall submit, to the Department, a report detailing any defect(s) observed during the inspection required under Condition # 013(a), Section D (under Source ID 001), of this permit, within thirty (30) days after the inspection. The report shall include the following information:

- (a) The name of the storage tank.
- (b) The nature of the defect(s).
- (c) Either the nature and date of the repair(s) or the date the storage tank was emptied (whichever is applicable).

008 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 60.113b(a)(5), 63.11087(c), and 63.11092(e)(1), and 25 Pa. Code Chapter 122 and § 127.35(b).]

The permittee shall notify the Department, in writing, at least thirty (30) days prior to the refilling of this storage tank, for which an inspection is required in Condition # 013(b), Section D (under Source ID 001), of this permit, to afford the opportunity to have an observer present. If the inspection is not planned and the permittee could not have known about the inspection at least thirty (30) days prior to the refilling of the storage tank, the permittee shall notify the Department, either at (484) 250-5920, or in writing, at least seven (7) days prior to the refilling of the storage tank. In either case, the permittee shall provide written documentation to the Department demonstrating why the inspection was not planned, and this documentation must be received by the Department at least seven (7) days prior to the refilling.

VI. WORK PRACTICE 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 § 129.56(a)(1).]

The permittee shall ensure that the true vapor pressure of the volatile petroleum liquid(s) stored in this storage tank is less than 11 psia (76 kPa) under actual storage conditions.

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

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 60.112b(a)(1)(i)–(ix) and 63.11087(a), and 25 Pa. Code Chapter 122 and §§ 127.35(b) and 129.56(c)(1)–(3).]

The permittee shall ensure that the internal floating roof of this storage tank floats on the surface of the volatile petroleum liquid at all times except during initial fill and when the tank is completely emptied and subsequently refilled. (The process of emptying and refilling when the roof is resting on the roof leg supports shall be continuous and accomplished as rapidly as possible.) In addition, the internal floating roof shall be equipped with the following components and comply with the

**SECTION D. Source Level Requirements**

following requirements:

- (a) A primary mechanical shoe seal that is maintained free of visible holes, tears, or other openings in the seal or seal fabric.
- (b) A closure seal(s) (to close the space between the roof and the tank wall) that is maintained free of visible holes, tears, or other openings in the seal or seal fabric.
- (c) Automatic bleeder vents that are each equipped with a gasket and closed at all times when the roof is floating, except when the roof is being floated off or landed on the roof leg supports.
- (d) Rim space vents, if provided, that are each equipped with a gasket and set to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting.
- (e) Projections into the storage tank, which remain below the volatile petroleum liquid surface at all times, for all other openings (i.e., besides (c) and (d), above).
- (f) Covers, seals, or lids, as follows, that are each equipped with a gasket and closed at all times except when the openings are in actual use (for all other openings except stub drains):
 - (1) Access hatch and automatic gauge float wells shall each have a bolted cover.
 - (2) Sample wells shall each have a slotted membrane (i.e., a slit fabric cover) that covers at least 90% of the sample well opening.
 - (3) Column wells shall each have a flexible sleeve seal or gasketed sliding cover.
 - (4) Ladder wells shall each have a gasketed sliding cover.

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

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 60.113b(a)(2) and (4), 63.11087(c), and 63.11092(e)(1), and 25 Pa. Code Chapter 122 and §§ 127.35(b) and 129.56(f)(1) and (h).]

(a) The permittee shall perform a visual check of the condition of the internal floating roof of this storage tank, and the associated primary mechanical shoe seal, through manholes and access hatches on the fixed roof of the storage tank, on an annual basis. If the internal floating roof is not resting on the volatile petroleum liquid surface, or there is liquid accumulated on the roof, or the seal is detached, or there is any hole(s), tear(s), or other opening(s) in the seal or seal fabric, the permittee shall repair the defect(s) or empty and remove the storage tank from service within forty-five (45) days. If neither the defect(s) can be repaired nor the storage tank can be emptied within forty-five (45) days, the permittee may request a thirty (30)-day extension from the Department. The request for extension shall document that alternate storage capacity is unavailable and specify a schedule of actions the permittee will take to assure that the defect(s) will be repaired or the storage tank will be emptied as soon as possible, but within the timeframe of the thirty (30)-day extension.

(b) The permittee shall perform a visual check of the condition of the internal floating roof, the primary mechanical shoe seal, gaskets, slotted membranes and sleeve seals (if any) each time the storage tank is emptied and degassed, or within ten (10) years of the previous such inspection, whichever occurs sooner. If the internal floating roof has any defect(s); the primary mechanical shoe seal has any hole(s), tear(s), or other opening(s) in the seal or seal fabric; any gasket(s) no longer close off the volatile petroleum liquid surface from the atmosphere; or any slotted membrane(s) have an open area of greater than 10%, the permittee shall repair the defect(s) before refilling the storage tank.

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

[Additional authority for this permit condition is also derived from 40 C.F.R. § 60.116b(e)(1) and (2)(i) and 25 Pa. Code Chapter 122 and §§ 127.443(b) and 129.56(g).]

**SECTION D. Source Level Requirements**

(a) Except as specified in (b), below, the permittee shall determine the maximum true vapor pressure of the volatile petroleum liquid(s) as stored in this storage tank using the maximum local monthly average ambient temperature, as reported by the National Weather Service, for the period in which the storage takes place.

(b) The permittee may use available data on the typical Reid vapor pressure and nomographs contained in API Bulletin 2517 or API Bulletin 2523 and NACA-TN-3276, as referenced in AP-42 Table 7.1-2 (11/2006), to determine the maximum true vapor pressure of the petroleum liquid(s) as stored, unless the Department specifically requests that the actual storage temperature be measured and the petroleum liquid(s) be sampled to determine the true vapor pressure.

(c) The permittee shall calculate the following emissions from the storage tank on a monthly and 12-month rolling basis, using the procedures described in Section C, Condition #016(c).

(1) The total VOC emissions.

(2) The speciated HAP emissions.

(3) The total HAP emissions.

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

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 63.11087(e) and 63.11089(a) and (c)–(d), and 25 Pa. Code § 127.35(b).]

The permittee shall perform leak inspections for this storage tank at each associated piece of equipment in gasoline service, on a monthly basis, using detection methods incorporating sight, sound, and/or smell. If any leak(s) is detected, the permittee shall make an initial attempt at repairing the leak(s) as soon as practicable, but within five (5) calendar days after detection, and complete the repair(s) or replace the leaking equipment in gasoline service within fifteen (15) calendar days after detection. The repair may be delayed only if completion of the repair within fifteen (15) calendar days is not feasible.

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

This source consists of an internal floating roof, volatile petroleum liquid storage tank (#1) with a capacity of 273,000 gals (6,500 bbls).

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

This storage tank is subject to, and shall comply with all applicable requirements of, 40 C.F.R. Part 60, Subpart Kb, and Part 63, Subpart BBBBBB. In accordance with 40 C.F.R. §§ 60.4 and 63.13, copies of all requests, reports, applications, submittals, and other communications are required to be submitted to both the EPA and the Department. The EPA copies shall be forwarded to:

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

Note: The above applies until an electronic reporting interface is provided by EPA for the particular Subpart.

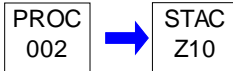
*** **Permit Shield in Effect.** ***

**SECTION D. Source Level Requirements**

Source ID: 002

Source Name: GAS TANK #2: 273,000-GAL, INT FLOAT ROOF

Source Capacity/Throughput: 4,675.000 Gal/HR GASOLINE(S)/ETOH/PETROL DIS

**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 operating parameters for this storage tank:

- (a) The name(s) and type(s) of the volatile petroleum liquid(s) stored.
- (b) The throughput, on a daily basis.
- (c) The throughput of each product stored on a monthly and 12-month rolling basis.

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

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 63.11087(e) and 63.11094(a), and 25 Pa. Code §§ 127.35(b), 127.443(b), and 129.56(f)(3).]

The permittee shall maintain records of all maintenance inspections for the internal floating roof of this storage tank, performed in accordance with Condition # 013(a)–(b), Section D (under Source ID 002), of this permit. These records shall contain, at a minimum, the following for each inspection:

- (a) The date and time of the inspection.
- (b) The observed condition of the internal floating roof and each associated component of this storage tank, as indicated in Condition # 010(a)–(e), Section D (under Source ID 002), of this permit, including any defect(s), as specified in Condition # 013(a)–(b), Section D (under Source ID 002), of this permit.
- (c) Any maintenance and/or repairs performed.

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

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.443(b).]

The permittee shall maintain records of the following emissions from this storage tank on a monthly and on a 12-month rolling basis, calculated using the methodology in Section C, Condition #016(c):

- (a) The total VOC emissions.

**SECTION D. Source Level Requirements**

(b) The total emissions of each individual HAP.

(c) The total HAP emissions.

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

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 63.11087(e), 63.11089(c) and (g), and 63.11094(e)(1)–(7), and 25 Pa. Code Chapter § 127.35(b).]

The permittee shall maintain records of the following information, in the log book indicated in Condition # 022, Section C, of this permit, for each piece of equipment in gasoline service associated with this storage tank for which a leak is detected:

(a) The identification number.

(b) The type.

(c) The date of detection.

(d) The detection method(s) used (i.e., sight, sound, and/or smell).

(e) The nature of the leak (i.e., vapor or liquid).

(f) The following for each attempt to repair the leak:

(1) The date.

(2) The repair method(s) applied.

(g) The reason(s) for any delay in repairing the leak (if not repaired within fifteen (15) calendar days after detection).

(h) The expected date of successful repair of the leak (if not repaired within fifteen (15) calendar days after detection).

(i) The date of successful repair of the leak.

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

[Additional authority for this permit condition is also derived from §§ 127.443(b), 129.56(f)(3).]

The permittee shall maintain records of the following operating parameters for each volatile petroleum liquid stored in this storage tank:

(a) The name and type of the volatile petroleum liquid stored.

(b) The throughput, on a daily basis.

(c) The starting and ending dates of storage.

(d) The average storage temperature for the hottest month of the year in which the storage takes place.

(e) The maximum true vapor pressure of the volatile petroleum liquid as stored.

(f) The throughput of each product stored on a monthly and 12-month rolling basis.

**SECTION D. Source Level Requirements****V. REPORTING REQUIREMENTS.****# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 63.11087(e) and 63.11095(a)(1) and 25 Pa. Code § 127.35(b).]

The permittee shall submit, to the Department, a report detailing any defect(s) observed during the inspection required under Condition # 013(a), Section D (under Source ID 002), of this permit, within thirty (30) days after the inspection. The report shall include the following information:

- (a) The name of the storage tank.
- (b) The nature of the defect(s).
- (c) Either the nature and date of the repair(s) or the date the storage tank was emptied (whichever is applicable).

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

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 63.11087(c) and 63.11092(e)(1) and 25 Pa. Code § 127.35(b).]

The permittee shall notify the Department, in writing, at least thirty (30) days prior to the refilling of this storage tank, for which an inspection is required in Condition # 013(b), Section D (under Source ID 002), of this permit, to afford the opportunity to have an observer present. If the inspection is not planned and the permittee could not have known about the inspection at least thirty (30) days prior to the refilling of the storage tank, the permittee shall notify the Department, either at (484) 250-5920, or in writing, at least seven (7) days prior to the refilling of the storage tank. In either case, the permittee shall provide written documentation to the Department demonstrating why the inspection was not planned, and this documentation must be received by the Department at least seven (7) days prior to the refilling.

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

[Additional authority for this permit condition is also derived from 25 Pa. Code §§ 127.443(b) and 129.56(g).]

(a) Except as specified in (b), below, the permittee shall determine the maximum true vapor pressure of the volatile petroleum liquid(s) as stored in this storage tank using the maximum local monthly average ambient temperature, as reported by the National Weather Service, for the period in which the storage takes place.

(b) The permittee may use available data on the typical Reid vapor pressure and nomographs contained in API Bulletin 2517 or API Bulletin 2523 and NACA-TN-3276, as referenced in AP-42 Table 7.1-2 (11/2006), to determine the maximum true vapor pressure of the petroleum liquid(s) as stored, unless the Department specifically requests that the actual storage temperature be measured and the petroleum liquid(s) be sampled to determine the Reid vapor pressure.

(c) The permittee shall calculate the following emissions from the storage tank on a monthly and 12-month rolling basis, using the procedures described in Section C, Condition #016(c).

- (1) The total VOC emissions.
- (2) The speciated HAP emissions.
- (3) The total HAP emissions.

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

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(a)(1).]

**SECTION D. Source Level Requirements**

The permittee shall ensure that the true vapor pressure of the volatile petroleum liquid(s) stored in this storage tank is less than 11 psia (76 kPa) under actual storage conditions.

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

[Additional authority for this permit condition is also derived from 40 C.F.R. § 63.11087(a) and 25 Pa. Code §§ 127.35(b) and 129.56(c)(1)–(3).]

The permittee shall ensure that the internal floating roof of this storage tank floats on the surface of the volatile petroleum liquid at all times except during initial fill and when the tank is completely emptied and subsequently refilled. (The process of emptying and refilling when the roof is resting on the roof leg supports shall be continuous and accomplished as rapidly as possible.) In addition, the internal floating roof shall be equipped with the following components and comply with the following requirements:

- (a) A primary mechanical shoe seal that is maintained free of visible holes, tears, or other openings in the seal or seal fabric.
- (b) A closure seal(s) (to close the space between the roof and the tank wall) that is maintained free of visible holes, tears, or other openings in the seal or seal fabric.
- (c) Automatic bleeder vents that are closed at all times when the roof is floating, except when the roof is being floated off or landed on the roof leg supports.
- (d) Rim space vents, if provided, that are set to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting.
- (e) Covers, seals, or lids that are closed at all times except when the openings are in actual use (for all other openings except stub drains).

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

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 63.11087(c) and 63.11092(e)(1), and 25 Pa. Code §§ 127.35(b) and 129.56(f)(1) and (h).]

(a) The permittee shall perform a visual check of the condition of the internal floating roof of this storage tank, including the primary mechanical shoe seal, through manholes and access hatches on the fixed roof of the storage tank, on an annual basis. If the internal floating roof is not resting on the volatile petroleum liquid surface, or there is liquid accumulated on the roof, or the seal is detached, or there is any hole(s), tear(s), or other opening(s) in the seal or seal fabric, the permittee shall repair the defect(s) or empty and remove the storage tank from service within forty-five (45) days. If neither the defect(s) can be repaired nor the storage tank can be emptied within forty-five (45) days, the permittee may request a thirty (30)-day extension from the Department. The request for extension shall document that alternate storage capacity is unavailable and specify a schedule of actions the permittee will take to assure that the defect(s) will be repaired or the storage tank will be emptied as soon as possible, but within the timeframe of the thirty (30)-day extension.

(b) The permittee shall perform a visual check of the condition of the internal floating roof, the primary mechanical shoe seal, gaskets, slotted membranes and sleeve seals (if any) each time the storage tank is emptied and degassed, or within ten (10) years of the previous such inspection, whichever occurs sooner. If the internal floating roof has any defect(s); the primary mechanical shoe seal has any hole(s), tear(s), or other opening(s) in the seal or seal fabric; any gasket(s) no longer close off the volatile petroleum liquid surface from the atmosphere; or any slotted membrane(s) have an open area of greater than 10%, the permittee shall repair the defect(s) before refilling the storage tank.

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

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 63.11087(e) and 63.11089(a) and (c)–(d), and

**SECTION D. Source Level Requirements**

25 Pa. Code § 127.35(b).]

The permittee shall perform leak inspections for this storage tank at each associated piece of equipment in gasoline service, on a monthly basis, using detection methods incorporating sight, sound, and/or smell. If any leak(s) is detected, the permittee shall make an initial attempt at repairing the leak(s) as soon as practicable, but within five (5) calendar days after detection, and complete the repair(s) or replace the leaking equipment in gasoline service within fifteen (15) calendar days after detection. The repair may be delayed only if completion of the repair within fifteen (15) calendar days is not feasible.

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

This source consists of an internal floating roof, volatile petroleum liquid storage tank (#2) with a capacity of 273,000 gals (6,500 bbls).

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

This storage tank is subject to, and shall comply with all applicable requirements of, 40 C.F.R. Part 63, Subpart BBBBBB. In accordance with 40 C.F.R. § 63.13, copies of all requests, reports, applications, submittals, and other communications are required to be submitted to both the EPA and the Department. The EPA copies shall be forwarded to:

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

Note: The above applies until an electronic reporting interface is provided by EPA for the particular Subpart.

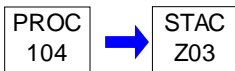
***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

Source ID: 104

Source Name: GAS TANK #103: 1,785,000-GAL, INT FLOAT ROOF

Source Capacity/Throughput: 16,854.000 Gal/HR GASOLINE(S)/PETROL DISTILLA

**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 operating parameters for this storage tank:

- (a) The name(s) and type(s) of the volatile petroleum liquid(s) stored.
- (b) The throughput, on a daily basis.
- (c) The throughput of each product stored on a monthly and 12-month rolling basis.

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

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 63.11087(e) and 63.11094(a), and 25 Pa. Code §§ 127.35(b) and 129.56(f)(3).]

The permittee shall maintain records of all maintenance inspections for the internal floating roof of this storage tank, performed in accordance with Condition # 011(a)–(b), Section D (under Source ID 104), of this permit. These records shall contain, at a minimum, the following for each inspection:

- (a) The date and time of the inspection.
- (b) The observed condition of the internal floating roof and each associated component of this storage tank, as indicated in Condition # 009(a)–(e), Section D (under Source ID 104), of this permit, including any defect(s), as specified in Condition # 011(a)–(b), Section D (under Source ID 104), of this permit.
- (c) Any maintenance and/or repairs performed.

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

The permittee shall maintain records of the following emissions from this storage tank on a monthly and on a 12-month rolling basis, calculated using the methodology in Section C, Condition #016(c)::

- (a) The total VOC emissions.
- (b) The total emissions of each individual HAP.

**SECTION D. Source Level Requirements**

(c) The total HAP emissions.

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

[Additional authority for this permit condition is also derived from 25 Pa. Code §§ 129.56(f)(3) and 129.59(c).]

The permittee shall maintain records of the following operating parameters for each volatile petroleum liquid stored in this storage tank:

- (a) The name and type of the volatile petroleum liquid stored.
- (b) The throughput, on a daily basis.
- (c) The starting and ending dates of storage.
- (d) The average storage temperature for the hottest month of the year in which the storage takes place.
- (e) The maximum true vapor pressure of the volatile petroleum liquid as stored.
- (f) The throughput of each product stored on a monthly and 12-month rolling basis.

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

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 63.11087(e), 63.11089(c) and (g), and 63.11094(e)(1)–(7), and 25 Pa. Code Chapter § 127.35(b).]

The permittee shall maintain records of the following information, in the log book indicated in Condition # 022, Section C, of this permit, for each piece of equipment in gasoline service associated with this storage tank for which a leak is detected:

- (a) The identification number.
- (b) The type.
- (c) The date of detection.
- (d) The detection method(s) used (i.e., sight, sound, and/or smell).
- (e) The nature of the leak (i.e., vapor or liquid).
- (f) The following for each attempt to repair the leak:
 - (1) The date.
 - (2) The repair method(s) applied.
- (g) The reason(s) for any delay in repairing the leak (if not repaired within fifteen (15) calendar days after detection).
- (h) The expected date of successful repair of the leak (if not repaired within fifteen (15) calendar days after detection).
- (i) The date of successful repair of the leak.

**SECTION D. Source Level Requirements****V. REPORTING REQUIREMENTS.****# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 63.11087(e) and 63.11095(a)(1) and 25 Pa. Code § 127.35(b).]

The permittee shall submit, to the Department, a report detailing any defect(s) observed during the inspection required in Condition # 011(a), Section D (under Source ID 104), of this permit, within thirty (30) days after the inspection. The report shall include the following information:

- (a) The name of the storage tank.
- (b) The nature of the defect(s).
- (c) Either the nature and date of the repair(s) or the date the storage tank was emptied (whichever is applicable).

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

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 63.11087(c) and 63.11092(e)(1) and 25 Pa. Code § 127.35(b).]

The permittee shall notify the Department, in writing, at least thirty (30) days prior to the refilling of this storage tank, for which an inspection is required in Condition # 011(b), Section D (under Source ID 104), of this permit, to afford the opportunity to have an observer present. If the inspection is not planned and the permittee could not have known about the inspection at least thirty (30) days prior to the refilling of the storage tank, the permittee shall notify the Department, either at (484) 250-5920, or in writing, at least seven (7) days prior to the refilling of the storage tank. In either case, the permittee shall provide written documentation to the Department demonstrating why the inspection was not planned, and this documentation must be received by the Department at least seven (7) days prior to the refilling.

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

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(g).]

(a) Except as specified in (b), below, the permittee shall determine the maximum true vapor pressure of the volatile petroleum liquid(s) as stored in this storage tank using the maximum local monthly average ambient temperature, as reported by the National Weather Service, for the period in which the storage takes place.

(b) The permittee may use available data on the typical Reid vapor pressure and nomographs contained in API Bulletin 2517 or API Bulletin 2523 and NACA-TN-3276, as referenced in AP-42 Table 7.1-2 (11/2006), to determine the maximum true vapor pressure of the petroleum liquid(s) as stored, unless the Department specifically requests that the actual storage temperature be measured and the petroleum liquid(s) be sampled to determine the Reid vapor pressure.

(c) The permittee shall calculate the following emissions from the storage tank on a monthly and 12-month rolling basis, using the procedures described in Section C, Condition #016(c):

- (1) The total VOC emissions.
- (2) The speciated HAP emissions.
- (3) The total HAP emissions.:

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

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(a)(1).]

**SECTION D. Source Level Requirements**

The permittee shall ensure that the true vapor pressure of the volatile petroleum liquid(s) stored in this storage tank is less than 11 psia (76 kPa) under actual storage conditions.

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

[Additional authority for this permit condition is also derived from 40 C.F.R. § 63.11087(a) and 25 Pa. Code §§ 127.35(b) and 129.56(c)(1)–(3).]

The permittee shall ensure that the internal floating roof of this storage tank floats on the surface of the volatile petroleum liquid at all times except during initial fill and when the tank is completely emptied and subsequently refilled. (The process of emptying and refilling when the roof is resting on the roof leg supports shall be continuous and accomplished as rapidly as possible.) In addition, the internal floating roof shall be equipped with the following components and comply with the following requirements:

- (a) A primary mechanical shoe seal that is maintained free of visible holes, tears, or other openings in the seal or seal fabric.
- (b) A closure seal(s) (to close the space between the roof and the tank wall) that is maintained free of visible holes, tears, or other openings in the seal or seal fabric.
- (c) Automatic bleeder vents that are closed at all times when the roof is floating, except when the roof is being floated off or landed on the roof leg supports.
- (d) Rim space vents, if provided, that are set to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting.
- (e) Covers, seals, or lids that are closed at all times except when the openings are in actual use (for all other openings except stub drains).

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

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 63.11087(c) and 63.11092(e)(1), and 25 Pa. Code §§ 127.35(b) and 129.56(f)(1) and (h).]

(a) The permittee shall perform a visual check of the condition of the internal floating roof of this storage tank, including the primary mechanical shoe seal, through manholes and access hatches on the fixed roof of the storage tank, on an annual basis. If the internal floating roof is not resting on the volatile petroleum liquid surface, or there is liquid accumulated on the roof, or the seal is detached, or there is any hole(s), tear(s), or other opening(s) in the seal or seal fabric, the permittee shall repair the defect(s) or empty and remove the storage tank from service within forty-five (45) days. If neither the defect(s) can be repaired nor the storage tank can be emptied within forty-five (45) days, the permittee may request a thirty (30)-day extension from the Department. The request for extension shall document that alternate storage capacity is unavailable and specify a schedule of actions the permittee will take to assure that the defect(s) will be repaired or the storage tank will be emptied as soon as possible, but within the timeframe of the thirty (30)-day extension.

(b) The permittee shall perform a visual check of the condition of the internal floating roof, the primary mechanical shoe seal, gaskets, slotted membranes and sleeve seals (if any) each time the storage tank is emptied and degassed, or within ten (10) years of the previous such inspection, whichever occurs sooner. If the internal floating roof has any defect(s); the primary mechanical shoe seal has any hole(s), tear(s), or other opening(s) in the seal or seal fabric; any gasket(s) no longer close off the volatile petroleum liquid surface from the atmosphere; or any slotted membrane(s) have an open area of greater than 10%, the permittee shall repair the defect(s) before refilling the storage tank.

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

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 63.11087(e) and 63.11089(a) and (c)–(d), and

**SECTION D. Source Level Requirements**

25 Pa. Code § 127.35(b).]

The permittee shall perform leak inspections for this storage tank at each associated piece of equipment in gasoline service, on a monthly basis, using detection methods incorporating sight, sound, and/or smell. If any leak(s) is detected, the permittee shall make an initial attempt at repairing the leak(s) as soon as practicable, but within five (5) calendar days after detection, and complete the repair(s) or replace the leaking equipment in gasoline service within fifteen (15) calendar days after detection. The repair may be delayed only if completion of the repair within fifteen (15) calendar days is not feasible.

VII. ADDITIONAL REQUIREMENTS.

013 [25 Pa. Code §127.441]

Operating permit terms and conditions.

This source consists of an internal floating roof, volatile petroleum liquid storage tank (#103) with a capacity of 1,785,000 gals (42,500 bbls).

014 [25 Pa. Code §127.441]

Operating permit terms and conditions.

This storage tank is subject to, and shall comply with all applicable requirements of, 40 C.F.R. Part 63, Subpart BBBBBB. In accordance with 40 C.F.R. § 63.13, copies of all requests, reports, applications, submittals, and other communications are required to be submitted to both the EPA and the Department. The EPA copies shall be forwarded to:

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

Note: The above applies until an electronic reporting interface is provided by EPA for the particular Subpart.

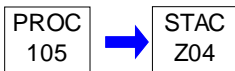
***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

Source ID: 105

Source Name: GAS TANK #104: 1,785,000-GAL, INT FLOAT ROOF

Source Capacity/Throughput: 16,854.000 Gal/HR GASOLINE(S)/PETROL DISTILLA

**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 operating parameters for this storage tank:

- (a) The name(s) and type(s) of the volatile petroleum liquid(s) stored.
- (b) The throughput, on a daily basis.
- (c) The throughput of each product stored on a monthly and 12-month rolling basis.

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

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 63.11087(e) and 63.11094(a), and 25 Pa. Code §§ 127.35(b) and 129.56(f)(3).]

The permittee shall maintain records of all maintenance inspections for the internal floating roof of this storage tank, performed in accordance with Condition # 011(a)–(b), Section D (under Source ID 105), of this permit. These records shall contain, at a minimum, the following for each inspection:

- (a) The date and time of the inspection.
- (b) The observed condition of the internal floating roof and each associated component of this storage tank, as indicated in Condition # 009(a)–(e), Section D (under Source ID 105), of this permit, including any defect(s), as specified in Condition # 011(a)–(b), Section D (under Source ID 105), of this permit.
- (c) Any maintenance and/or repairs performed.

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

The permittee shall maintain records of the following emissions from this storage tank on a monthly and on a 12-month rolling basis, calculated using the methodology in Section C, Condition #016(c)::

- (a) The total VOC emissions.
- (b) The total emissions of each individual HAP.

**SECTION D. Source Level Requirements**

(c) The total HAP emissions.

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

[Additional authority for this permit condition is also derived from 25 Pa. Code §§ 129.56(f)(3) and 129.59(c).]

The permittee shall maintain records of the following operating parameters for each volatile petroleum liquid stored in this storage tank:

- (a) The name and type of the volatile petroleum liquid stored.
- (b) The throughput, on a daily basis.
- (c) The starting and ending dates of storage.
- (d) The average storage temperature for the hottest month of the year in which the storage takes place.
- (e) The maximum true vapor pressure of the volatile petroleum liquid as stored.
- (f) The throughput of each product stored on a monthly and 12-month rolling basis.

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

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 63.11087(e), 63.11089(c) and (g), and 63.11094(e)(1)–(7), and 25 Pa. Code Chapter § 127.35(b).]

The permittee shall maintain records of the following information, in the log book indicated in Condition # 022, Section C, of this permit, for each piece of equipment in gasoline service associated with this storage tank for which a leak is detected:

- (a) The identification number.
- (b) The type.
- (c) The date of detection.
- (d) The detection method(s) used (i.e., sight, sound, and/or smell).
- (e) The nature of the leak (i.e., vapor or liquid).
- (f) The following for each attempt to repair the leak:
 - (1) The date.
 - (2) The repair method(s) applied.
- (g) The reason(s) for any delay in repairing the leak (if not repaired within fifteen (15) calendar days after detection).
- (h) The expected date of successful repair of the leak (if not repaired within fifteen (15) calendar days after detection).
- (i) The date of successful repair of the leak.

**SECTION D. Source Level Requirements****V. REPORTING REQUIREMENTS.****# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 63.11087(e) and 63.11095(a)(1) and 25 Pa. Code § 127.35(b).]

The permittee shall submit, to the Department, a report detailing any defect(s) observed during the inspection required under Condition # 011(a), Section D (under Source ID 105), of this permit, within thirty (30) days after the inspection. The report shall include the following information:

- (a) The name of the storage tank.
- (b) The nature of the defect(s).
- (c) Either the nature and date of the repair(s) or the date the storage tank was emptied (whichever is applicable).

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

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 63.11087(c) and 63.11092(e)(1) and 25 Pa. Code § 127.35(b).]

The permittee shall notify the Department, in writing, at least thirty (30) days prior to the refilling of this storage tank, for which an inspection is required in Condition # 011(b), Section D (under Source ID 105), of this permit, to afford the opportunity to have an observer present. If the inspection is not planned and the permittee could not have known about the inspection at least thirty (30) days prior to the refilling of the storage tank, the permittee shall notify the Department, either at (484) 250-5920, or in writing, at least seven (7) days prior to the refilling of the storage tank. In either case, the permittee shall provide written documentation to the Department demonstrating why the inspection was not planned, and this documentation must be received by the Department at least seven (7) days prior to the refilling.

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

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(a)(1).]

The permittee shall ensure that the true vapor pressure of the volatile petroleum liquid(s) stored in this storage tank is less than 11 psia (76 kPa) under actual storage conditions.

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

[Additional authority for this permit condition is also derived from 40 C.F.R. § 63.11087(a) and 25 Pa. Code §§ 127.35(b) and 129.56(c)(1)–(3).]

The permittee shall ensure that the internal floating roof of this storage tank floats on the surface of the volatile petroleum liquid at all times except during initial fill and when the tank is completely emptied and subsequently refilled. (The process of emptying and refilling when the roof is resting on the roof leg supports shall be continuous and accomplished as rapidly as possible.) In addition, the internal floating roof shall be equipped with the following components and comply with the following requirements:

- (a) A primary mechanical shoe seal that is maintained free of visible holes, tears, or other openings in the seal or seal fabric.
- (b) A closure seal(s) (to close the space between the roof and the tank wall) that is maintained free of visible holes, tears, or other openings in the seal or seal fabric.
- (c) Automatic bleeder vents that are closed at all times when the roof is floating, except when the roof is being floated off or

**SECTION D. Source Level Requirements**

landed on the roof leg supports.

(d) Rim space vents, if provided, that are set to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting.

(e) Covers, seals, or lids that are closed at all times except when the openings are in actual use (for all other openings except stub drains).

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

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 63.11087(c) and 63.11092(e)(1), and 25 Pa. Code §§ 127.35(b) and 129.56(f)(1) and (h).]

(a) The permittee shall perform a visual check of the condition of the internal floating roof of this storage tank, including the primary mechanical shoe seal, through manholes and access hatches on the fixed roof of the storage tank, on an annual basis. If the internal floating roof is not resting on the volatile petroleum liquid surface, or there is liquid accumulated on the roof, or the seal is detached, or there is any hole(s), tear(s), or other opening(s) in the seal or seal fabric, the permittee shall repair the defect(s) or empty and remove the storage tank from service within forty-five (45) days. If neither the defect(s) can be repaired nor the storage tank can be emptied within forty-five (45) days, the permittee may request a thirty (30)-day extension from the Department. The request for extension shall document that alternate storage capacity is unavailable and specify a schedule of actions the permittee will take to assure that the defect(s) will be repaired or the storage tank will be emptied as soon as possible, but within the timeframe of the thirty (30)-day extension.

(b) The permittee shall perform a visual check of the condition of the internal floating roof, the primary mechanical shoe seal, gaskets, slotted membranes and sleeve seals (if any) each time the storage tank is emptied and degassed, or within ten (10) years of the previous such inspection, whichever occurs sooner. If the internal floating roof has any defect(s); the primary mechanical shoe seal has any hole(s), tear(s), or other opening(s) in the seal or seal fabric; any gasket(s) no longer close off the volatile petroleum liquid surface from the atmosphere; or any slotted membrane(s) have an open area of greater than 10%, the permittee shall repair the defect(s) before refilling the storage tank.

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

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 63.11087(e) and 63.11089(a) and (c)–(d), and 25 Pa. Code § 127.35(b).]

The permittee shall perform leak inspections for this storage tank at each associated piece of equipment in gasoline service, on a monthly basis, using detection methods incorporating sight, sound, and/or smell. If any leak(s) is detected, the permittee shall make an initial attempt at repairing the leak(s) as soon as practicable, but within five (5) calendar days after detection, and complete the repair(s) or replace the leaking equipment in gasoline service within fifteen (15) calendar days after detection. The repair may be delayed only if completion of the repair within fifteen (15) calendar days is not feasible.

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

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(g).]

(a) Except as specified in (b), below, the permittee shall determine the maximum true vapor pressure of the volatile petroleum liquid(s) as stored in this storage tank using the maximum local monthly average ambient temperature, as reported by the National Weather Service, for the period in which the storage takes place.

(b) The permittee may use available data on the typical Reid vapor pressure and nomographs contained in API Bulletin 2517 or API Bulletin 2523 and NACA-TN-3276, as referenced in AP-42 Table 7.1-2 (11/2006), to determine the maximum true vapor pressure of the petroleum liquid(s) as stored, unless the Department specifically requests that the actual storage temperature be measured and the petroleum liquid(s) be sampled to determine the Reid vapor pressure.

**SECTION D. Source Level Requirements**

(c) The permittee shall calculate the following emissions from the storage tank on a monthly and 12-month rolling basis, using the procedures described in Section C, Condition #016(c):

- (1) The total VOC emissions.
- (2) The speciated HAP emissions.
- (3) The total HAP emissions.:

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

This source consists of an internal floating roof, volatile petroleum liquid storage tank (#104) with a capacity of 1,785,000 gals (42,500 bbls).

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

This storage tank is subject to, and shall comply with all applicable requirements of, 40 C.F.R. Part 63, Subpart BBBBBB. In accordance with 40 C.F.R. § 63.13, copies of all requests, reports, applications, submittals, and other communications are required to be submitted to both the EPA and the Department. The EPA copies shall be forwarded to:

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

Note: The above applies until an electronic reporting interface is provided by EPA for the particular Subpart.

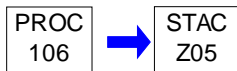
***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

Source ID: 106

Source Name: GAS TANK #105: 2,276,400-GAL, INT FLOAT ROOF

Source Capacity/Throughput: 21,494.000 Gal/HR GASOLINE(S)/PETROL DISTILLA

**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 operating parameters for this storage tank:

- (a) The name(s) and type(s) of the volatile petroleum liquid(s) stored.
- (b) The throughput, on a daily basis.
- (c) The throughput of each product stored on a monthly and 12-month rolling basis.

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

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 63.11087(e) and 63.11094(a), and 25 Pa. Code §§ 127.35(b) and 129.56(f)(3).]

The permittee shall maintain records of all maintenance inspections for the internal floating roof of this storage tank, performed in accordance with Condition # 011(a)–(b), Section D (under Source ID 106), of this permit. These records shall contain, at a minimum, the following for each inspection:

- (a) The date and time of the inspection.
- (b) The observed condition of the internal floating roof and each associated component of this storage tank, as indicated in Condition # 009(a)–(e), Section D (under Source ID 106), of this permit, including any defect(s), as specified in Condition # 011(a)–(b), Section D (under Source ID 106), of this permit.
- (c) Any maintenance and/or repairs performed.

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

The permittee shall maintain records of the following emissions from this storage tank on a monthly and on a 12-month rolling basis, calculated using the methodology in Section C, Condition #016(c)::

- (a) The total VOC emissions.
- (b) The total emissions of each individual HAP.

**SECTION D. Source Level Requirements**

(c) The total HAP emissions.

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

[Additional authority for this permit condition is also derived from 25 Pa. Code §§ 129.56(f)(3) and 129.59(c).]

The permittee shall maintain records of the following operating parameters for each volatile petroleum liquid stored in this storage tank:

- (a) The name and type of the volatile petroleum liquid stored.
- (b) The throughput, on a daily basis.
- (c) The starting and ending dates of storage.
- (d) The average storage temperature for the hottest month of the year in which the storage takes place.
- (e) The maximum true vapor pressure of the volatile petroleum liquid as stored.
- (f) The throughput of each product stored on a monthly and 12-month rolling basis.

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

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 63.11087(e), 63.11089(c) and (g), and 63.11094(e)(1)–(7), and 25 Pa. Code Chapter § 127.35(b).]

The permittee shall maintain records of the following information, in the log book indicated in Condition # 022, Section C, of this permit, for each piece of equipment in gasoline service associated with this storage tank for which a leak is detected:

- (a) The identification number.
- (b) The type.
- (c) The date of detection.
- (d) The detection method(s) used (i.e., sight, sound, and/or smell).
- (e) The nature of the leak (i.e., vapor or liquid).
- (f) The following for each attempt to repair the leak:
 - (1) The date.
 - (2) The repair method(s) applied.
- (g) The reason(s) for any delay in repairing the leak (if not repaired within fifteen (15) calendar days after detection).
- (h) The expected date of successful repair of the leak (if not repaired within fifteen (15) calendar days after detection).
- (i) The date of successful repair of the leak.

**SECTION D. Source Level Requirements****V. REPORTING REQUIREMENTS.****# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 63.11087(e) and 63.11095(a)(1) and 25 Pa. Code § 127.35(b).]

The permittee shall submit, to the Department, a report detailing any defect(s) observed during the inspection required under Condition # 011(a), Section D (under Source ID 106), of this permit, within thirty (30) days after the inspection. The report shall include the following information:

- (a) The name of the storage tank.
- (b) The nature of the defect(s).
- (c) Either the nature and date of the repair(s) or the date the storage tank was emptied (whichever is applicable).

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

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 63.11087(c) and 63.11092(e)(1) and 25 Pa. Code § 127.35(b).]

The permittee shall notify the Department, in writing, at least thirty (30) days prior to the refilling of this storage tank, for which an inspection is required in Condition # 011(b), Section D (under Source ID 106), of this permit, to afford the opportunity to have an observer present. If the inspection is not planned and the permittee could not have known about the inspection at least thirty (30) days prior to the refilling of the storage tank, the permittee shall notify the Department, either at (484) 250-5920, or in writing, at least seven (7) days prior to the refilling of the storage tank. In either case, the permittee shall provide written documentation to the Department demonstrating why the inspection was not planned, and this documentation must be received by the Department at least seven (7) days prior to the refilling.

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

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(g).]

(a) Except as specified in (b), below, the permittee shall determine the maximum true vapor pressure of the volatile petroleum liquid(s) as stored in this storage tank using the maximum local monthly average ambient temperature, as reported by the National Weather Service, for the period in which the storage takes place.

(b) The permittee may use available data on the typical Reid vapor pressure and nomographs contained in API Bulletin 2517 or API Bulletin 2523 and NACA-TN-3276, as referenced in AP-42 Table 7.1-2 (11/2006), to determine the maximum true vapor pressure of the petroleum liquid(s) as stored, unless the Department specifically requests that the actual storage temperature be measured and the petroleum liquid(s) be sampled to determine the Reid vapor pressure.

(c) The permittee shall calculate the following emissions from the storage tank on a monthly and 12-month rolling basis, using the procedures described in Section C, Condition #016(c):

- (1) The total VOC emissions.
- (2) The speciated HAP emissions.
- (3) The total HAP emissions.:

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

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(a)(1).]

**SECTION D. Source Level Requirements**

The permittee shall ensure that the true vapor pressure of the volatile petroleum liquid(s) stored in this storage tank is less than 11 psia (76 kPa) under actual storage conditions.

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

[Additional authority for this permit condition is also derived from 40 C.F.R. § 63.11087(a) and 25 Pa. Code §§ 127.35(b) and 129.56(c)(1)–(3).]

The permittee shall ensure that the internal floating roof of this storage tank floats on the surface of the volatile petroleum liquid at all times except during initial fill and when the tank is completely emptied and subsequently refilled. (The process of emptying and refilling when the roof is resting on the roof leg supports shall be continuous and accomplished as rapidly as possible.) In addition, the internal floating roof shall be equipped with the following components and comply with the following requirements:

- (a) A primary mechanical shoe seal that is maintained free of visible holes, tears, or other openings in the seal or seal fabric.
- (b) A closure seal(s) (to close the space between the roof and the tank wall) that is maintained free of visible holes, tears, or other openings in the seal or seal fabric.
- (c) Automatic bleeder vents that are closed at all times when the roof is floating, except when the roof is being floated off or landed on the roof leg supports.
- (d) Rim space vents, if provided, that are set to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting.
- (e) Covers, seals, or lids that are closed at all times except when the openings are in actual use (for all other openings except stub drains).

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

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 63.11087(c) and 63.11092(e)(1), and 25 Pa. Code §§ 127.35(b) and 129.56(f)(1) and (h).]

(a) The permittee shall perform a visual check of the condition of the internal floating roof of this storage tank, including the primary mechanical shoe seal, through manholes and access hatches on the fixed roof of the storage tank, on an annual basis. If the internal floating roof is not resting on the volatile petroleum liquid surface, or there is liquid accumulated on the roof, or the seal is detached, or there is any hole(s), tear(s), or other opening(s) in the seal or seal fabric, the permittee shall repair the defect(s) or empty and remove the storage tank from service within forty-five (45) days. If neither the defect(s) can be repaired nor the storage tank can be emptied within forty-five (45) days, the permittee may request a thirty (30)-day extension from the Department. The request for extension shall document that alternate storage capacity is unavailable and specify a schedule of actions the permittee will take to assure that the defect(s) will be repaired or the storage tank will be emptied as soon as possible, but within the timeframe of the thirty (30)-day extension.

(b) The permittee shall perform a visual check of the condition of the internal floating roof, the primary mechanical shoe seal, gaskets, slotted membranes and sleeve seals (if any) each time the storage tank is emptied and degassed, or within ten (10) years of the previous such inspection, whichever occurs sooner. If the internal floating roof has any defect(s); the primary mechanical shoe seal has any hole(s), tear(s), or other opening(s) in the seal or seal fabric; any gasket(s) no longer close off the volatile petroleum liquid surface from the atmosphere; or any slotted membrane(s) have an open area of greater than 10%, the permittee shall repair the defect(s) before refilling the storage tank.

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

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 63.11087(e) and 63.11089(a) and (c)–(d), and

**SECTION D. Source Level Requirements**

25 Pa. Code § 127.35(b).]

The permittee shall perform leak inspections for this storage tank at each associated piece of equipment in gasoline service, on a monthly basis, using detection methods incorporating sight, sound, and/or smell. If any leak(s) is detected, the permittee shall make an initial attempt at repairing the leak(s) as soon as practicable, but within five (5) calendar days after detection, and complete the repair(s) or replace the leaking equipment in gasoline service within fifteen (15) calendar days after detection. The repair may be delayed only if completion of the repair within fifteen (15) calendar days is not feasible.

VII. ADDITIONAL REQUIREMENTS.

013 [25 Pa. Code §127.441]

Operating permit terms and conditions.

This source consists of an internal floating roof, volatile petroleum liquid storage tank (#105) with a capacity of 2,276,400 gals (54,200 bbls).

014 [25 Pa. Code §127.441]

Operating permit terms and conditions.

This storage tank is subject to, and shall comply with all applicable requirements of, 40 C.F.R. Part 63, Subpart BBBBBB. In accordance with 40 C.F.R. § 63.13, copies of all requests, reports, applications, submittals, and other communications are required to be submitted to both the EPA and the Department. The EPA copies shall be forwarded to:

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

Note: The above applies until an electronic reporting interface is provided by EPA for the particular Subpart.

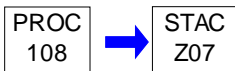
***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

Source ID: 108

Source Name: GAS TANK #106: 3,360,000-GAL, INT FLOAT ROOF

Source Capacity/Throughput: 37,541.000 Gal/HR GASOLINE(S)

**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 operating parameters for this storage tank:

- (a) The name(s) of the gasoline(s) stored.
- (b) The throughput, on a daily basis.
- (c) The throughput of gasoline on a monthly and 12-month rolling basis.

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

[Additional authority for this permit condition is also derived from 40 C.F.R. § 60.116b(c) and 25 Pa. Code Chapter 122 and § 129.56(f)(3).]

The permittee shall maintain records of the following operating parameters for each gasoline stored in this storage tank:

- (a) The name of the gasoline stored.
- (b) The throughput, on a daily basis.
- (c) The starting and ending dates of storage.
- (d) The average storage temperature for the hottest month of the year in which the storage takes place.
- (e) The maximum true vapor pressure of the gasoline as stored.
- (f) The throughput of gasoline stored on a monthly and 12-month rolling basis.

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

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 60.115b(a)(2), 63.11087(e), and 63.11094(a), and 25 Pa. Code Chapter 122 and §§ 127.35(b) and 129.56(f)(3).]

The permittee shall maintain records of all maintenance inspections for the internal floating roof of this storage tank,

**SECTION D. Source Level Requirements**

performed in accordance with Condition # 013(a)–(b), Section D (under Source ID 108), of this permit. These records shall contain, at a minimum, the following for each inspection:

- (a) The date and time of the inspection.
- (b) The observed condition of the internal floating roof and each associated component of this storage tank, as indicated in Condition # 012(a)–(d) and (f), Section D (under Source ID 108), of this permit, including any defect(s), as specified in Condition # 013(a)–(b), Section D (under Source ID 108), of this permit.
- (c) Any maintenance and/or repairs performed.

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

The permittee shall maintain records of the following emissions from this storage tank on a monthly and on a 12-month rolling basis, calculated using the methodology in Section C, Condition #016(c)::

- (a) The total VOC emissions.
- (b) The total emissions of each individual HAP.
- (c) The total HAP emissions.

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

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 63.11087(e), 63.11089(c) and (g), and 63.11094(e)(1)–(7), and 25 Pa. Code Chapter § 127.35(b).]

The permittee shall maintain records of the following information, in the log book indicated in Condition # 022, Section C, of this permit, for each piece of equipment in gasoline service associated with this storage tank for which a leak is detected:

- (a) The identification number.
- (b) The type.
- (c) The date of detection.
- (d) The detection method(s) used (i.e., sight, sound, and/or smell).
- (e) The nature of the leak (i.e., vapor or liquid).
- (f) The following for each attempt to repair the leak:
 - (1) The date.
 - (2) The repair method(s) applied.
- (g) The reason(s) for any delay in repairing the leak (if not repaired within fifteen (15) calendar days after detection).
- (h) The expected date of successful repair of the leak (if not repaired within fifteen (15) calendar days after detection).
- (i) The date of successful repair of the leak.

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

[Additional authority for this permit condition is also derived from 40 C.F.R. § 60.116b(a) and (b) and 25 Pa. Code Chapter 122.]

**SECTION D. Source Level Requirements**

The permittee shall maintain records of the dimensions and capacity of this storage tank in a readily accessible format for the life of the storage tank.

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

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 60.115b(a)(3), 63.11087(e), and 63.11095(a)(1), and 25 Pa. Code Chapter 122 and § 127.35(b).]

The permittee shall submit, to the Department, a report detailing any defect(s) observed during the inspection required under Condition # 013(a), Section D (under Source ID 108), of this permit, within thirty (30) days after the inspection. The report shall include the following information:

- (a) The name of the storage tank.
- (b) The nature of the defect(s).
- (c) Either the nature and date of the repair(s) or the date the storage tank was emptied (whichever is applicable).

008 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 60.113b(a)(5), 63.11087(c), and 63.11092(e)(1), and 25 Pa. Code Chapter 122 and § 127.35(b).]

The permittee shall notify the Department, in writing, at least thirty (30) days prior to the refilling of this storage tank, for which an inspection is required in Condition # 013(b), Section D (under Source ID 108), of this permit, to afford the opportunity to have an observer present. If the inspection is not planned and the permittee could not have known about the inspection at least thirty (30) days prior to the refilling of the storage tank, the permittee shall notify the Department, either at (484) 250-5920, or in writing, at least seven (7) days prior to the refilling of the storage tank. In either case, the permittee shall provide written documentation to the Department demonstrating why the inspection was not planned, and this documentation must be received by the Department at least seven (7) days prior to the refilling.

VI. WORK PRACTICE REQUIREMENTS.**# 009 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 60.112b(a)(1)(i)-(ix) and 63.11087(a), and 25 Pa. Code Chapter 122 and §§ 127.35(b) and 129.56(c)(1)-(3).]

The permittee shall ensure that the internal floating roof of this storage tank floats on the surface of the gasoline at all times except during initial fill and when the tank is completely emptied and subsequently refilled. (The process of emptying and refilling when the roof is resting on the roof leg supports shall be continuous and accomplished as rapidly as possible.) In addition, the internal floating roof shall be equipped with the following components and comply with the following requirements:

- (a) A primary mechanical shoe seal that is maintained free of visible holes, tears, or other openings in the seal or seal fabric.
- (b) A closure seal(s) (to close the space between the roof and the tank wall) that is maintained free of visible holes, tears, or other openings in the seal or seal fabric.
- (c) Automatic bleeder vents that are each equipped with a gasket and closed at all times when the roof is floating, except when the roof is being floated off or landed on the roof leg supports.

**SECTION D. Source Level Requirements**

(d) Rim space vents, if provided, that are each equipped with a gasket and set to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting.

(e) Projections into the storage tank, which remain below the gasoline surface at all times, for all other openings (i.e., besides (c) and (d), above).

(f) Covers, seals, or lids, as follows, that are each equipped with a gasket and closed at all times except when the openings are in actual use (for all other openings except stub drains):

(1) Access hatch and automatic gauge float wells shall each have a bolted cover.

(2) Sample wells shall each have a slotted membrane (i.e., a slit fabric cover) that covers at least 90% of the sample well opening.

(3) Column wells shall each have a flexible sleeve seal or gasketed sliding cover.

(4) Ladder wells shall each have a gasketed sliding cover.

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

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 60.113b(a)(2) and (4), 63.11087(c), and 63.11092(e)(1), and 25 Pa. Code Chapter 122 and §§ 127.35(b) and 129.56(f)(1) and (h).]

(a) The permittee shall perform a visual check of the condition of the internal floating roof of this storage tank, and the associated primary mechanical shoe seal, through manholes and access hatches on the fixed roof of the storage tank, on an annual basis. If the internal floating roof is not resting on the gasoline surface, or there is liquid accumulated on the roof, or the seal is detached, or there is any hole(s), tear(s), or other opening(s) in the seal or seal fabric, the permittee shall repair the defect(s) or empty and remove the storage tank from service within forty-five (45) days. If neither the defect(s) can be repaired nor the storage tank can be emptied within forty-five (45) days, the permittee may request a thirty (30)-day extension from the Department. The request for extension shall document that alternate storage capacity is unavailable and specify a schedule of actions the permittee will take to assure that the defect(s) will be repaired or the storage tank will be emptied as soon as possible, but within the timeframe of the thirty (30)-day extension.

(b) The permittee shall perform a visual check of the condition of the internal floating roof, the primary mechanical shoe seal, gaskets, slotted membranes and sleeve seals (if any) each time the storage tank is emptied and degassed, or within ten (10) years of the previous such inspection, whichever occurs sooner. If the internal floating roof has any defect(s); the primary mechanical shoe seal has any hole(s), tear(s), or other opening(s) in the seal or seal fabric; any gasket(s) no longer close off the gasoline surface from the atmosphere; or any slotted membrane(s) have an open area of greater than 10%, the permittee shall repair the defect(s) before refilling the storage tank.

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

[Additional authority for this permit condition is also derived from 40 C.F.R. § 60.116b(e)(1) and (2)(i) and 25 Pa. Code Chapter 122 and §§ 127.35(b) and 129.56(g).]

(a) Except as specified in (b), below, the permittee shall determine the maximum true vapor pressure of the gasoline(s) as stored in this storage tank using the maximum local monthly average ambient temperature, as reported by the National Weather Service, for the period in which the storage takes place.

(b) The permittee may use available data on the typical Reid vapor pressure and nomographs contained in API Bulletin 2517 or API Bulletin 2523 and NACA-TN-3276, as referenced in AP-42 Table 7.1-2 (11/2006), to determine the maximum true vapor pressure of gasoline(s) as stored, unless the Department specifically requests that the actual storage temperature be measured and the gasoline(s) be sampled to determine the true vapor pressure.

(c) The permittee shall calculate the following emissions from the storage tank on a monthly and 12-month rolling basis, using the procedures described in Section C, Condition #016(c):

**SECTION D. Source Level Requirements**

- (1) The total VOC emissions.
- (2) The speciated HAP emissions.
- (3) The total HAP emissions.

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

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 63.11087(e) and 63.11089(a) and (c)–(d), and 25 Pa. Code § 127.35(b).]

The permittee shall perform leak inspections for this storage tank at each associated piece of equipment in gasoline service, on a monthly basis, using detection methods incorporating sight, sound, and/or smell. If any leak(s) is detected, the permittee shall make an initial attempt at repairing the leak(s) as soon as practicable, but within five (5) calendar days after detection, and complete the repair(s) or replace the leaking equipment in gasoline service within fifteen (15) calendar days after detection. The repair may be delayed only if completion of the repair within fifteen (15) calendar days is not feasible.

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

This source consists of an internal floating roof, gasoline storage tank (#106) with a capacity of 3,360,000 gals (80,000 bbls).

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

This storage tank is subject to, and shall comply with all applicable requirements of, 40 C.F.R. Part 60, Subpart Kb, and Part 63, Subpart BBBBBB. In accordance with 40 C.F.R. §§ 60.4 and 63.13, copies of all requests, reports, applications, submittals, and other communications are required to be submitted to both the EPA and the Department. The EPA copies shall be forwarded to:

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

Note: The above applies until an electronic reporting interface is provided by EPA for the particular Subpart.

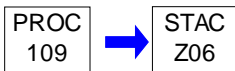
***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

Source ID: 109

Source Name: GAS TANK #3: 121,800-GAL, INT FLOAT ROOF

Source Capacity/Throughput: 1,991.000 Gal/HR GASOLINE(S)/ETOH/PETROL DIS

**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 operating parameters for this storage tank:

- (a) The name(s) and type(s) of the volatile petroleum liquid(s) stored.
- (b) The throughput, on a daily basis.
- (c) The throughput of gasoline and petroleum distillate on a monthly and 12-month rolling basis.

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

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 63.11087(e) and 63.11094(a), and 25 Pa. Code §§ 127.35(b), 127.443(b), and 129.56(f)(3).]

The permittee shall maintain records of all maintenance inspections for the internal floating roof of this storage tank, performed in accordance with Condition # 013(a)–(b), Section D (under Source ID 109), of this permit. These records shall contain, at a minimum, the following for each inspection:

- (a) The date and time of the inspection.
- (b) The observed condition of the internal floating roof and each associated component of this storage tank, as indicated in Condition # 010(a)–(e), Section D (under Source ID 109), of this permit, including any defect(s), as specified in Condition # 013(a)–(b), Section D (under Source ID 109), of this permit.
- (c) Any maintenance and/or repairs performed.

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

[Additional authority for this permit condition is also derived from 25 Pa. Code §§ 127.443(b), 129.56(f)(3) and 129.59 (c).]

The permittee shall maintain records of the following operating parameters for each volatile petroleum liquid stored in this storage tank:

- (a) The name and type of the volatile petroleum liquid stored.

**SECTION D. Source Level Requirements**

- (b) The throughput, on a daily basis.
- (c) The starting and ending dates of storage.
- (d) The average storage temperature for the hottest month of the year in which the storage takes place.
- (e) The maximum true vapor pressure of the volatile petroleum liquid as stored.
- (f) The throughput of gasoline and distillate on a monthly and 12-month rolling basis.

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

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.443(b).]

The permittee shall maintain records of the following emissions from this storage tank on a monthly and on a 12-month rolling basis, calculated using the methodology in Section C, Condition #016(c):

- (a) The total VOC emissions.
- (b) The total emissions of each individual HAP.
- (c) The total HAP emissions.

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

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 63.11087(e), 63.11089(c) and (g), and 63.11094(e)(1)–(7), and 25 Pa. Code Chapter § 127.35(b).]

The permittee shall maintain records of the following information, in the log book indicated in Condition # 022, Section C, of this permit, for each piece of equipment in gasoline service associated with this storage tank for which a leak is detected:

- (a) The identification number.
- (b) The type.
- (c) The date of detection.
- (d) The detection method(s) used (i.e., sight, sound, and/or smell).
- (e) The nature of the leak (i.e., vapor or liquid).
- (f) The following for each attempt to repair the leak:
 - (1) The date.
 - (2) The repair method(s) applied.
- (g) The reason(s) for any delay in repairing the leak (if not repaired within fifteen (15) calendar days after detection).
- (h) The expected date of successful repair of the leak (if not repaired within fifteen (15) calendar days after detection).
- (i) The date of successful repair of the leak.

**SECTION D. Source Level Requirements****V. REPORTING REQUIREMENTS.****# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 63.11087(e) and 63.11095(a)(1) and 25 Pa. Code § 127.35(b).]

The permittee shall submit, to the Department, a report detailing any defect(s) observed during the inspection required under Condition # 013(a), Section D (under Source ID 109), of this permit, within thirty (30) days after the inspection. The report shall include the following information:

- (a) The name of the storage tank.
- (b) The nature of the defect(s).
- (c) Either the nature and date of the repair(s) or the date the storage tank was emptied (whichever is applicable).

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

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 63.11087(c) and 63.11092(e)(1) and 25 Pa. Code § 127.35(b).]

The permittee shall notify the Department, in writing, at least thirty (30) days prior to the refilling of this storage tank, for which an inspection is required in Condition # 013(b), Section D (under Source ID 109), of this permit, to afford the opportunity to have an observer present. If the inspection is not planned and the permittee could not have known about the inspection at least thirty (30) days prior to the refilling of the storage tank, the permittee shall notify the Department, either at (484) 250-5920, or in writing, at least seven (7) days prior to the refilling of the storage tank. In either case, the permittee shall provide written documentation to the Department demonstrating why the inspection was not planned, and this documentation must be received by the Department at least seven (7) days prior to the refilling.

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

[Additional authority for this permit condition is also derived from 25 Pa. Code §§ 127.443(b) and 129.56(g).]

(a) Except as specified in (b), below, the permittee shall determine the maximum true vapor pressure of the volatile petroleum liquid(s) as stored in this storage tank using the maximum local monthly average ambient temperature, as reported by the National Weather Service, for the period in which the storage takes place.

(b) The permittee may use available data on the typical Reid vapor pressure and nomographs contained in API Bulletin 2517 or API Bulletin 2523 and NACA-TN-3276, as referenced in AP-42 Table 7.1-2 (11/2006), to determine the maximum true vapor pressure of the petroleum liquid(s) as stored, unless the Department specifically requests that the actual storage temperature be measured and the petroleum liquid(s) be sampled to determine the Reid vapor pressure.

(c) The permittee shall calculate the following emissions from the storage tank on a monthly and 12-month rolling basis, using the procedures described in Section C, Condition #016(c).

- (1) The total VOC emissions.
- (2) The speciated HAP emissions.
- (3) The total HAP emissions.

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

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(a)(1).]

**SECTION D. Source Level Requirements**

The permittee shall ensure that the true vapor pressure of the volatile petroleum liquid(s) stored in this storage tank is less than 11 psia (76 kPa) under actual storage conditions.

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

[Additional authority for this permit condition is also derived from 40 C.F.R. § 63.11087(a) and 25 Pa. Code §§ 127.35(b) and 129.56(c)(1)–(3).]

The permittee shall ensure that the internal floating roof of this storage tank floats on the surface of the volatile petroleum liquid at all times except during initial fill and when the tank is completely emptied and subsequently refilled. (The process of emptying and refilling when the roof is resting on the roof leg supports shall be continuous and accomplished as rapidly as possible.) In addition, the internal floating roof shall be equipped with the following components and comply with the following requirements:

- (a) A primary mechanical shoe seal that is maintained free of visible holes, tears, or other openings in the seal or seal fabric.
- (b) A closure seal(s) (to close the space between the roof and the tank wall) that is maintained free of visible holes, tears, or other openings in the seal or seal fabric.
- (c) Automatic bleeder vents that are closed at all times when the roof is floating, except when the roof is being floated off or landed on the roof leg supports.
- (d) Rim space vents, if provided, that are set to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting.
- (e) Covers, seals, or lids that are closed at all times except when the openings are in actual use (for all other openings except stub drains).

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

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 63.11087(c) and 63.11092(e)(1), and 25 Pa. Code §§ 127.35(b) and 129.56(f)(1) and (h).]

- (a) The permittee shall perform a visual check of the condition of the internal floating roof of this storage tank, including the primary mechanical shoe seal, through manholes and access hatches on the fixed roof of the storage tank, on an annual basis. If the internal floating roof is not resting on the volatile petroleum liquid surface, or there is liquid accumulated on the roof, or the seal is detached, or there is any hole(s), tear(s), or other opening(s) in the seal or seal fabric, the permittee shall repair the defect(s) or empty and remove the storage tank from service within forty-five (45) days. If neither the defect(s) can be repaired nor the storage tank can be emptied within forty-five (45) days, the permittee may request a thirty (30)-day extension from the Department. The request for extension shall document that alternate storage capacity is unavailable and specify a schedule of actions the permittee will take to assure that the defect(s) will be repaired or the storage tank will be emptied as soon as possible, but within the timeframe of the thirty (30)-day extension.
- (b) The permittee shall perform a visual check of the condition of the internal floating roof, the primary mechanical shoe seal, gaskets, slotted membranes and sleeve seals (if any) each time the storage tank is emptied and degassed, or within ten (10) years of the previous such inspection, whichever occurs sooner. If the internal floating roof has any defect(s); the primary mechanical shoe seal has any hole(s), tear(s), or other opening(s) in the seal or seal fabric; any gasket(s) no longer close off the volatile petroleum liquid surface from the atmosphere; or any slotted membrane(s) have an open area of greater than 10%, the permittee shall repair the defect(s) before refilling the storage tank.

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

**SECTION D. Source Level Requirements**

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 63.11087(e) and 63.11089(a) and (c)–(d), and 25 Pa. Code § 127.35(b).]

The permittee shall perform leak inspections for this storage tank at each associated piece of equipment in gasoline service, on a monthly basis, using detection methods incorporating sight, sound, and/or smell. If any leak(s) is detected, the permittee shall make an initial attempt at repairing the leak(s) as soon as practicable, but within five (5) calendar days after detection, and complete the repair(s) or replace the leaking equipment in gasoline service within fifteen (15) calendar days after detection. The repair may be delayed only if completion of the repair within fifteen (15) calendar days is not feasible.

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

This source consists of an internal floating roof, volatile petroleum liquid storage tank (#3) with a capacity of 121,800 gals (2,900 bbls).

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

This storage tank is subject to, and shall comply with all applicable requirements of, 40 C.F.R. Part 63, Subpart BBBBBB. In accordance with 40 C.F.R. § 63.13, copies of all requests, reports, applications, submittals, and other communications are required to be submitted to both the EPA and the Department. The EPA copies shall be forwarded to:

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

Note: The above applies until an electronic reporting interface is provided by EPA for the particular Subpart.

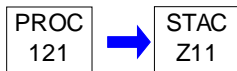
***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

Source ID: 121

Source Name: PETROL TANK #100: 4,057,200-GAL, FIXED ROOF

Source Capacity/Throughput: 31,269.000 Gal/HR PETROLEUM DISTILLATE(S)

**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 operating parameters for this storage tank:

- (a) The name(s) and type(s) of the petroleum distillate(s) stored.
- (b) The throughput, on a monthly and 12-month rolling basis.

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

The permittee shall maintain records of all maintenance inspections for this storage tank, performed in accordance with Condition # 006(a)–(b), Section D (under Source ID 121), of this permit. These records shall contain, at a minimum, the following for each inspection:

- (a) The date and time of the inspection.
- (b) Any maintenance and/or repairs performed.

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

The permittee shall maintain records of the following emissions from this storage tank on a monthly and on a 12-month rolling basis, calculated using the methodology in Section C, Condition #016(c)::

- (a) The total VOC emissions.
- (b) The total emissions of each individual HAP.
- (c) The total HAP emissions.

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

The permittee shall maintain records of the following operating parameters for each petroleum distillate stored in this storage tank:

- (a) The name and type of the petroleum distillate stored.

**SECTION D. Source Level Requirements**

- (b) The throughput, on a monthly and 12-month rolling basis.
- (c) The starting and ending dates of storage.
- (d) The average storage temperature for the hottest month of the year in which the storage takes place.
- (e) The maximum true vapor pressure of the petroleum distillate as stored.

V. REPORTING REQUIREMENTS.

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

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

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(a)(1).]

The permittee shall ensure that the true vapor pressure of the petroleum distillate(s) stored in this storage tank does not exceed 1.5 psia (10.5 kPa) under actual storage conditions unless the tank is a pressure tank capable of maintaining working pressures sufficient at all times to prevent vapor loss to the atmosphere or is designed and equipped with a vapor recovery system.

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

The permittee shall perform the following maintenance inspections for this storage tank on an annual basis:

- (a) A visual check of the condition of the outside of the storage tank.
- (b) A visual check of all associated pipes, valves, and flanges.

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

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(g).]

- (a) Except as specified in (b) below, the permittee shall determine the maximum true vapor pressure of the petroleum distillate(s) as stored in this storage tank using a temperature that is representative of the average storage temperature for the hottest month of the year in which the storage takes place.
- (b) The permittee may use available data on the typical Reid vapor pressure and nomographs contained in API Bulletin 2517 or API Bulletin 2523 and NACA-TN-3276, as referenced in AP-42 Table 7.1-2 (11/2006), to determine the maximum true vapor pressure of the petroleum liquid(s) as stored, unless the Department specifically requests that the actual storage temperature be measured and the petroleum liquid(s) be sampled to determine the true vapor pressure.
- (c) The permittee shall calculate the following emissions from the storage tank on a monthly and 12-month rolling basis, using the procedures described in Section C, Condition #016(c).
 - (1) The total VOC emissions.
 - (2) The speciated HAP emissions.
 - (3) The total HAP emissions.

**SECTION D. Source Level Requirements****VII. ADDITIONAL REQUIREMENTS.****# 008 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

This source consists of a fixed roof, petroleum distillate storage tank (#100) with a capacity of 4,057,200 gals (96,600 bbls).

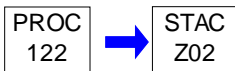
***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

Source ID: 122

Source Name: GAS TANK #101: 2,268,000-GAL, INT FLOAT ROOF

Source Capacity/Throughput: 20,612.000 Gal/HR GASOLINE(S)/PETROL DISTILLA

**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 operating parameters for this storage tank:

- (a) The name(s) and type(s) of the volatile petroleum liquid(s) stored.
- (b) The throughput, on a daily basis.
- (c) The throughput of each product stored on a monthly and 12-month rolling basis.

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

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 63.11087(e) and 63.11094(a), and 25 Pa. Code §§ 127.35(b) and 129.56(f)(3).]

The permittee shall maintain records of all maintenance inspections for the internal floating roof of this storage tank, performed in accordance with Condition # 011(a)–(b), Section D (under Source ID 122), of this permit. These records shall contain, at a minimum, the following for each inspection:

- (a) The date and time of the inspection.
- (b) The observed condition of the internal floating roof and each associated component of this storage tank, as indicated in Condition # 009(a)–(e), Section D (under Source ID 122), of this permit, including any defect(s), as specified in Condition # 011(a)–(b), Section D (under Source ID 122), of this permit.
- (c) Any maintenance and/or repairs performed.

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

The permittee shall maintain records of the following emissions from this storage tank on a monthly and on a 12-month rolling basis, calculated using the methodology in Section C, Condition #016(c)::

- (a) The total VOC emissions.
- (b) The total emissions of each individual HAP.

**SECTION D. Source Level Requirements**

(c) The total HAP emissions.

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

[Additional authority for this permit condition is also derived from 25 Pa. Code §§ 129.56(f)(3) and 129.59(c).]

The permittee shall maintain records of the following operating parameters for each volatile petroleum liquid stored in this storage tank:

- (a) The name and type of the volatile petroleum liquid stored.
- (b) The throughput, on a daily basis.
- (c) The starting and ending dates of storage.
- (d) The average storage temperature for the hottest month of the year in which the storage takes place.
- (e) The maximum true vapor pressure of the volatile petroleum liquid as stored.
- (f) The throughput of each product stored on a monthly and 12-month rolling basis.

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

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 63.11087(e), 63.11089(c) and (g), and 63.11094(e)(1)–(7), and 25 Pa. Code Chapter § 127.35(b).]

The permittee shall maintain records of the following information, in the log book indicated in Condition # 022, Section C, of this permit, for each piece of equipment in gasoline service associated with this storage tank for which a leak is detected:

- (a) The identification number.
- (b) The type.
- (c) The date of detection.
- (d) The detection method(s) used (i.e., sight, sound, and/or smell).
- (e) The nature of the leak (i.e., vapor or liquid).
- (f) The following for each attempt to repair the leak:
 - (1) The date.
 - (2) The repair method(s) applied.
- (g) The reason(s) for any delay in repairing the leak (if not repaired within fifteen (15) calendar days after detection).
- (h) The expected date of successful repair of the leak (if not repaired within fifteen (15) calendar days after detection).
- (i) The date of successful repair of the leak.

**SECTION D. Source Level Requirements****V. REPORTING REQUIREMENTS.****# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 63.11087(e) and 63.11095(a)(1), and 25 Pa. Code § 127.35(b).]

The permittee shall submit, to the Department, a report detailing any defect(s) observed during the inspection required under Condition # 011(a), Section D (under Source ID 122), of this permit, within thirty (30) days after the inspection. The report shall include the following information:

- (a) The name of the storage tank.
- (b) The nature of the defect(s).
- (c) Either the nature and date of the repair(s) or the date the storage tank was emptied (whichever is applicable).

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

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 63.11087(c) and 63.11092(e)(1), and 25 Pa. Code § 127.35(b).]

The permittee shall notify the Department, in writing, at least thirty (30) days prior to the refilling of this storage tank, for which an inspection is required in Condition # 011(b), Section D (under Source ID 122), of this permit, to afford the opportunity to have an observer present. If the inspection is not planned and the permittee could not have known about the inspection at least thirty (30) days prior to the refilling of the storage tank, the permittee shall notify the Department, either at (484) 250-5920, or in writing, at least seven (7) days prior to the refilling of the storage tank. In either case, the permittee shall provide written documentation to the Department demonstrating why the inspection was not planned, and this documentation must be received by the Department at least seven (7) days prior to the refilling.

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

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(g).]

(a) Except as specified in (b), below, the permittee shall determine the maximum true vapor pressure of the volatile petroleum liquid(s) as stored in this storage tank using the maximum local monthly average ambient temperature, as reported by the National Weather Service, for the period in which the storage takes place.

(b) The permittee may use available data on the typical Reid vapor pressure and nomographs contained in API Bulletin 2517 or API Bulletin 2523 and NACA-TN-3276, as referenced in AP-42 Table 7.1-2 (11/2006), to determine the maximum true vapor pressure of the petroleum liquid(s) as stored, unless the Department specifically requests that the actual storage temperature be measured and the petroleum liquid(s) be sampled to determine the Reid vapor pressure.

(c) The permittee shall calculate the following emissions from the storage tank on a monthly and 12-month rolling basis, using the procedures described in Section C, Condition #016(c):

- (1) The total VOC emissions.
- (2) The speciated HAP emissions.
- (3) The total HAP emissions.:

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

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(a)(1).]

**SECTION D. Source Level Requirements**

The permittee shall ensure that the true vapor pressure of the volatile petroleum liquid(s) stored in this storage tank is less than 11 psia (76 kPa) under actual storage conditions.

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

[Additional authority for this permit condition is also derived from 40 C.F.R. § 63.11087(a) and 25 Pa. Code §§ 127.35(b) and 129.56(c)(1)–(3).]

The permittee shall ensure that the internal floating roof of this storage tank floats on the surface of the volatile petroleum liquid at all times except during initial fill and when the tank is completely emptied and subsequently refilled. (The process of emptying and refilling when the roof is resting on the roof leg supports shall be continuous and accomplished as rapidly as possible.) In addition, the internal floating roof shall be equipped with the following components and comply with the following requirements:

- (a) A primary mechanical shoe seal that is maintained free of visible holes, tears, or other openings in the seal or seal fabric.
- (b) A closure seal(s) (to close the space between the roof and the tank wall) that is maintained free of visible holes, tears, or other openings in the seal or seal fabric.
- (c) Automatic bleeder vents that are closed at all times when the roof is floating, except when the roof is being floated off or landed on the roof leg supports.
- (d) Rim space vents, if provided, that are set to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting.
- (e) Covers, seals, or lids that are closed at all times except when the openings are in actual use (for all other openings except stub drains).

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

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 63.11087(c) and 63.11092(e)(1), and 25 Pa. Code §§ 127.35(b) and 129.56(f)(1) and (h).]

(a) The permittee shall perform a visual check of the condition of the internal floating roof of this storage tank, including the primary mechanical shoe seal, through manholes and access hatches on the fixed roof of the storage tank, on an annual basis. If the internal floating roof is not resting on the volatile petroleum liquid surface, or there is liquid accumulated on the roof, or the seal is detached, or there is any hole(s), tear(s), or other opening(s) in the seal or seal fabric, the permittee shall repair the defect(s) or empty and remove the storage tank from service within forty-five (45) days. If neither the defect(s) can be repaired nor the storage tank can be emptied within forty-five (45) days, the permittee may request a thirty (30)-day extension from the Department. The request for extension shall document that alternate storage capacity is unavailable and specify a schedule of actions the permittee will take to assure that the defect(s) will be repaired or the storage tank will be emptied as soon as possible, but within the timeframe of the thirty (30)-day extension.

(b) The permittee shall perform a visual check of the condition of the internal floating roof, the primary mechanical shoe seal, gaskets, slotted membranes and sleeve seals (if any) each time the storage tank is emptied and degassed, or within ten (10) years of the previous such inspection, whichever occurs sooner. If the internal floating roof has any defect(s); the primary mechanical shoe seal has any hole(s), tear(s), or other opening(s) in the seal or seal fabric; any gasket(s) no longer close off the volatile petroleum liquid surface from the atmosphere; or any slotted membrane(s) have an open area of greater than 10%, the permittee shall repair the defect(s) before refilling the storage tank.

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

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 63.11087(e) and 63.11089(a) and (c)–(d), and

**SECTION D. Source Level Requirements**

25 Pa. Code § 127.35(b).]

The permittee shall perform leak inspections for this storage tank at each associated piece of equipment in gasoline service, on a monthly basis, using detection methods incorporating sight, sound, and/or smell. If any leak(s) is detected, the permittee shall make an initial attempt at repairing the leak(s) as soon as practicable, but within five (5) calendar days after detection, and complete the repair(s) or replace the leaking equipment in gasoline service within fifteen (15) calendar days after detection. The repair may be delayed only if completion of the repair within fifteen (15) calendar days is not feasible.

VII. ADDITIONAL REQUIREMENTS.

013 [25 Pa. Code §127.441]

Operating permit terms and conditions.

This source consists of an internal floating roof, volatile petroleum liquid storage tank (#101) with a capacity of 2,268,000 gals (54,000 bbls).

014 [25 Pa. Code §127.441]

Operating permit terms and conditions.

This storage tank is subject to, and shall comply with all applicable requirements of, 40 C.F.R. Part 63, Subpart BBBBBB. In accordance with 40 C.F.R. § 63.13, copies of all requests, reports, applications, submittals, and other communications are required to be submitted to both the EPA and the Department. The EPA copies shall be forwarded to:

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

Note: The above applies until an electronic reporting interface is provided by EPA for the particular Subpart.

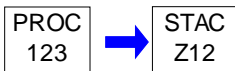
***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

Source ID: 123

Source Name: PETROL TANK #102: 1,785,000-GAL, FIXED ROOF

Source Capacity/Throughput: 13,892.000 Gal/HR PETROLEUM DISTILLATE(S)

**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 operating parameters for this storage tank:

- (a) The name(s) and type(s) of the petroleum distillate(s) stored.
- (b) The throughput, on a monthly and 12-month rolling basis.

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

The permittee shall maintain records of all maintenance inspections for this storage tank, performed in accordance with Condition # 006(a)–(b), Section D (under Source ID 123), of this permit. These records shall contain, at a minimum, the following for each inspection:

- (a) The date and time of the inspection.
- (b) Any maintenance and/or repairs performed.

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

The permittee shall maintain records of the following emissions from this storage tank on a monthly and on a 12-month rolling basis, calculated using the methodology in Section C, Condition #016(c)::

- (a) The total VOC emissions.
- (b) The total emissions of each individual HAP.
- (c) The total HAP emissions.

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

The permittee shall maintain records of the following operating parameters for each petroleum distillate stored in this storage tank:

- (a) The name and type of the petroleum distillate stored.

**SECTION D. Source Level Requirements**

- (b) The throughput, on a monthly and 12-month rolling basis.
- (c) The starting and ending dates of storage.
- (d) The average storage temperature for the hottest month of the year in which the storage takes place.
- (e) The maximum true vapor pressure of the petroleum distillate as stored.

V. REPORTING REQUIREMENTS.

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

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

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(a)(1).]

The permittee shall ensure that the true vapor pressure of the petroleum distillate(s) stored in this storage tank does not exceed 1.5 psia (10.5 kPa) under actual storage conditions unless the tank is a pressure tank capable of maintaining working pressures sufficient at all times to prevent vapor loss to the atmosphere or is designed and equipped with a vapor recovery system.

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

The permittee shall perform the following maintenance inspections for this storage tank on an annual basis:

- (a) A visual check of the condition of the outside of the storage tank.
- (b) A visual check of all associated pipes, valves, and flanges.

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

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(g).]

- (a) Except as specified in (b) below, the permittee shall determine the maximum true vapor pressure of the petroleum distillate(s) as stored in this storage tank using a temperature that is representative of the average storage temperature for the hottest month of the year in which the storage takes place.
- (b) The permittee may use available data on the typical Reid vapor pressure and nomographs contained in API Bulletin 2517 or API Bulletin 2523 and NACA-TN-3276, as referenced in AP-42 Table 7.1-2 (11/2006), to determine the maximum true vapor pressure of the petroleum liquid(s) as stored, unless the Department specifically requests that the actual storage temperature be measured and the petroleum liquid(s) be sampled to determine the true vapor pressure.
- (c) The permittee shall calculate the following emissions from the storage tank on a monthly and 12-month rolling basis, using the procedures described in Section C, Condition #016(c).
 - (1) The total VOC emissions.
 - (2) The speciated HAP emissions.
 - (3) The total HAP emissions.

**SECTION D. Source Level Requirements****VII. ADDITIONAL REQUIREMENTS.****# 008 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

This source consists of a fixed roof, petroleum distillate storage tank (#102) with a capacity of 1,785,000 gals (42,500 bbls).

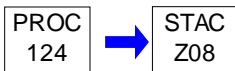
***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

Source ID: 124

Source Name: PETROL TANK #4: 121,800-GAL, FIXED ROOF

Source Capacity/Throughput: 1,401.000 Gal/HR PETROLEUM DISTILLATE(S)

**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 operating parameters for this storage tank:

- (a) The name(s) and type(s) of the petroleum distillate(s) stored.
- (b) The throughput, on a monthly and on a 12-month rolling basis.

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

[Additional authority for this permit condition is also derived from 25 Pa. Code §§ 127.443(b) and 129.56(f)(3).]

The permittee shall maintain records of the following operating parameters for each petroleum distillate stored in this storage tank:

- (a) The name and type of the petroleum distillate stored.
- (b) The throughput, on a monthly and 12-month rolling basis.
- (c) The starting and ending dates of storage.
- (d) The average storage temperature for the hottest month of the year in which the storage takes place.
- (e) The maximum true vapor pressure of the petroleum distillate as stored.

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

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.443(b).]

The permittee shall maintain records of all maintenance inspections for this storage tank, performed in accordance with Condition # 007(a)–(b), Section D (under Source ID 124), of this permit. These records shall contain, at a minimum, the following for each inspection:

**SECTION D. Source Level Requirements**

- (a) The date and time of the inspection.
- (b) Any maintenance and/or repairs performed.

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

The permittee shall maintain records of the following emissions from this storage tank on a monthly basis, calculated using the methodology in Section C, Condition #016(c):

- (a) The total VOC emissions.
- (b) The total emissions of each individual HAP.
- (c) The total HAP emissions.

V. REPORTING REQUIREMENTS.

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

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

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(a)(1).]

The permittee shall ensure that the true vapor pressure of the petroleum distillate(s) stored in this storage tank does not exceed 1.5 psia (10.5 kPa) under actual storage conditions unless the tank is a pressure tank capable of maintaining working pressures sufficient at all times to prevent vapor loss to the atmosphere or is designed and equipped with a vapor recovery system.

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

The permittee shall perform the following maintenance inspections for this storage tank on an annual basis:

- (a) A visual check of the condition of the outside of the storage tank.
- (b) A visual check of all associated pipes, valves, and flanges.

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

[Additional authority for this permit condition is also derived from 25 Pa. Code §§ 127.443(b) and 129.56(g).]

- (a) Except as specified in (b) below, the permittee shall determine the maximum true vapor pressure of the petroleum distillate(s) as stored in this storage tank using a temperature that is representative of the average storage temperature for the hottest month of the year in which the storage takes place.
- (b) The permittee may use available data on the typical Reid vapor pressure and nomographs contained in API Bulletin 2517 or API Bulletin 2523 and NACA-TN-3276, as referenced in AP-42 Table 7.1-2 (11/2006), to determine the maximum true vapor pressure of the petroleum liquid(s) as stored, unless the Department specifically requests that the actual storage temperature be measured and the petroleum liquid(s) be sampled to determine the true vapor pressure.
- (c) The permittee shall calculate the following emissions from the storage tank on a monthly and 12-month rolling basis, using the procedures described in Section C, Condition #016(c)
 - (1) The total VOC emissions.

**SECTION D. Source Level Requirements**

(2) The speciated HAP emissions.

(3) The total HAP emissions.

VII. ADDITIONAL REQUIREMENTS.

008 [25 Pa. Code §127.441]

Operating permit terms and conditions.

This source consists of a fixed roof, petroleum distillate storage tank (#4) with a capacity of 121,800 gals (2,900 bbls).

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

**SECTION D. Source Level Requirements**

Source ID: 126

Source Name: SUMP-1: 5,000 GAL UNDERGROUND STORAGE TANK

Source Capacity/Throughput: 100.000 Gal/HR GASOLINE(S)

I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

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

This source consists of an underground sump tank (#1) with a capacity of 5,000 gals (119 bbls).

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



SECTION E. Source Group Restrictions.

No Source Groups exist for this permit.



SECTION F. Alternative Operation Requirements.

No Alternative Operations exist for this permit.

**SECTION G. Emission Restriction Summary.**

Source Id	Source Description
108	GAS TANK #106: 3,360,000-GAL, INT FLOAT ROOF

Emission Limit	Pollutant
4.600 Tons/Yr	12-Month Rolling Sum, Calculated Monthly VOC

Site Emission Restriction Summary

Emission Limit	Pollutant
5.900 Tons/Yr	From Source IDs 001, 002, 109, and 124; 12-Month Rolling Sum, Calculated Monthly VOC
10.000 Tons/Yr	Less Than; Any Individual HAP; 12-Month Rolling Sum, Calculated Monthly Hazardous Air Pollutants
25.000 Tons/Yr	Less Than; Total HAPs; 12-Month Rolling Sum, Calculated Monthly Hazardous Air Pollutants

**SECTION H. Miscellaneous.**

(a) The following previously-issued documents serve as the basis for certain terms and conditions set forth in this permit:

- (1) Operating Permit No. 15-312-018.
- (2) Operating Permit No. 15-312-020.
- (3) Operating Permit No. 15-312-023A.
- (4) General Plan Approval and General Operating Permit (BAQ-GPA/GP-2) No. 15-312-033GP.

(b) The following sources have been determined by the Department to be insignificant sources of air emissions and, therefore, do not require additional restrictions, monitoring, or recordkeeping, except as indicated elsewhere in this permit. They are still subject to any applicable federal, state, and local regulations, including those indicated in Section C, of this permit:

- (1) Two propane-fired infrared heaters, model type/no. Cold Blocker/CB50-15-L5, manufactured by Space-Ray. Each heater is located in the warehouse and rated at 50,000 Btu/hr heat input.
- (2) Four 100-gal propane tanks associated with (b)(1), above (two per heater).
- (3) A 2,000-gal drag reducing agent (DRA) tank manufactured by Baker Hughes.

(c) This permit is an administrative amendment to Title V Operating Permit No. 15-00105, which was originally issued on December 28, 2000 (APS ID 344993, Auth ID 353799); previously amended on February 16, 2001, June 1, 2004 (APS ID 344993, Auth ID 545319), May 12, 2005 (APS ID 551789, Auth ID 590781), June 2, 2005 (APS ID 553595, Auth ID 593221), and June 6, 2006 (APS ID 553595, Auth ID 633490); and previously renewed on December 9, 2005 (APS ID 553595, Auth ID 601001) and July 19, 2012 (APS ID 553595, Auth ID 842199). The following is a listing of the changes reflected in this permit (APS ID 553595, Auth ID 950750):

- (1) The language in Conditions # 011(a), 025(a), 034, and 036–037, Section C, of the previously-renewed permit (same condition numbers in this permit), has been revised to also apply to (b)(1)–(3), above.
- (2) Additional authority citations to 25 Pa. Code § 127.35(b) and Chapter 122 have been added to conditions in this permit that are based on the provisions of 40 C.F.R. Part 63, Subpart BBBBBB, and Part 60, Subpart Kb, respectively.
- (3) The condition references in Condition # 021(b)(1) and (4), Section C, of the previously-renewed permit (same condition number in this permit), have been corrected.

(d) April, 2018

APS # 55395 AUTH # 1166303

The Operating Permit is renewed. The following summarizes the changes made with the renewal. Condition numbers refer to the December 12, 2012 amended issuance of the Operating Permit.

Cover Page

The responsible official and permit contact are changed.

Section A

*Ethanol is added to the Fuel/Material for Source IDs 002 and 109.

*The capacity/throughput of the following tanks are changed to correspond to permit limits:

Tank 1 (Source ID 001), Tank 2 (Source ID 002), Tank 106 (Source ID 108), Tank 3 (Source ID 109), Tank 4 (Source ID 124).

Section C

Language in the following conditions was changed to conform to revised DEP standard conditions.

#002, #003, #004, #005, #006, #009, #014, #018, #031, #032

Condition #008

The condition was clarified by referencing the single source applicability determination indicated in Condition #039 (now #038) for the combination of the Malvern Station and Malvern Terminal.

**SECTION H. Miscellaneous.****Conditions #008, #010**

The conditions were clarified by adding MACT reference 40 CFR Section 63.420(b)(2) to the note.

Condition #012

The reference to Material Safety Data sheets was removed as they are not used. The company conservatively assumes 100% liquid phase VOC in its calculations. "Industry compilations of emissions factors" was added to the list of acceptable documentation for emissions factors.

Condition #015, #020

"Monthly and 12-month rolling" basis was added to the monitoring and recordkeeping conditions for gasoline delivery, in order to demonstrate compliance with the 1,000,000,000 gallons in a 12-month rolling period limit.

Condition #024

The requirement to keep a record of the methodology for VOC and HAP emissions calculations was included.

Condition #027

The quarterly reporting condition was removed since adequate throughput and emissions records are kept on a monthly and 12-month rolling basis.

Condition #028

The references in (a)(1)(C) and (D) were corrected.

Condition #038

The condition was removed and replaced with a monitoring condition describing VOC emissions calculation procedures based on the AP-42 Section 7 and HAP factors from approved Department sources including industry compilations.

Additional Monitoring Condition

The calculation methodology for VOC and HAP emissions using AP-42 Section 7 and HAP factors was described with the option to modify it with DEP approval.

Section D

Source ID 001, Source ID 002

Condition #002

Monitoring of the throughput of each product stored on a monthly and 12-month rolling basis was added to the condition.

Condition #003

The requirement to keep a record of the monthly and 12-month rolling sum of the throughput of each product stored was added to the condition.

Source ID 001 Condition #007, Source ID 002 Condition #006

"Department approved methods" was revised to include the calculation methodology specified in Section C using AP-42 Section 7 and HAPs emissions factors.

*12-month rolling basis was included for the records of emissions calculations.

Source ID 001 Condition #014(c), Source ID 002 Condition #013 (b)

"EPA TANKS Program" was removed as EPA no longer supports the program. It was replaced with a reference to the calculation methodology specified in Section C using AP-42 Section 7 and HAPs emissions factors.

Source ID 001 Condition #016, Source ID 002 Condition #015

A note is included that an electronic reporting interface will supersede the EPA address in the condition if and when it becomes available

Source ID 001**Condition #004**

The federal regulatory reference was corrected.

Condition #014(b)

*Additional technical bulletins, referenced in the AP-42 were included as additional references for true vapor pressure.

**SECTION H. Miscellaneous.**

Source ID 002

Condition #001

An ethanol limit and equation specifying limits of all 3 products stored was added to the condition.

Condition #013

Part (b) of Source ID 001 Condition #014 (as revised with this renewal) was added.

Source IDs

104, 105, 106, 108, 109, 121, 122, 123, 124

Changes were made to like Conditions for these sources as for Source ID 001 Conditions #002, #003, #004 #007, #014(c), #016 and Source ID 002 Condition #013b.

Source ID 108

Conditions #012 and #009, pertaining to Reid vapor pressure limits were removed. Compliance with emissions limits will be demonstrated by throughputs and emissions calculations. Information submitted with the application indicates that Reid vapor pressures for gasoline are equal to or lower than the range in the Condition.

Source ID 109

Condition #001

An ethanol limit and equation specifying limits for both products was added to the Condition.

Section G

The DRA tank manufacturer was revised.

(e) November 2020 - APS No. 553595; Authorization No. 1333864

(1). Revision of the Title V Operating Permit was performed in accordance with 25 Pa. Code Section 127.450(a)(5) for the incorporation of the terms and conditions of Plan Approval 15-0105. Plan Approval 15-0105 was issued for the removal of source level emission limits and throughput limits on the storage tanks while maintaining the 1,000,000,000 gallon throughput limit for gasoline at the site level on a 12-month rolling basis.

(2). With the removal of conditions in Section D. The numbering sequence for condition under each source changed in Section D. This change in the order of conditions affected the referencing of conditions in Section C, Condition #021 and #027 of this operating permit, which were revised to correctly reference the leak inspection reports, reports on inspections of internal floating roofs, and the reports on excess emissions from the storage tanks.



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