



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

STATE ONLY SYNTHETIC MINOR OPERATING PERMIT

Issue Date: February 7, 2024

Effective Date: September 17, 2024

Expiration Date: September 17, 2029

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

The regulatory or statutory authority for each permit condition is set forth in brackets. All terms and conditions in this permit are federally enforceable unless otherwise designated.

State Only Permit No: 40-00025

Synthetic Minor

Federal Tax Id - Plant Code: 23-3102655-50

Owner Information

Name: ENERGY TRANSFER MKT & TERMLP
Mailing Address: 60 S WYOMING AVE
EDWARDSVILLE, PA 18704-3102

Plant Information

Plant: ENERGY TRANSFER MKT & TERMLP/KINGSTON TERM
Location: 40 Luzerne County 40812 Edwarsville Borough
SIC Code: 4226 Trans. & Utilities - Special Warehousing And Storage, Nec

Responsible Official

Name: LOUIS GONZALVES
Title: DIRECTOR - TERMINAL OP.
Phone: (610) 859 - 5403 Email: Louis.Gonzalves@energytransfer.com

Permit Contact Person

Name: STEVEN KUTNEY
Title: TERMINAL SUPERVISOR
Phone: (610) 823 - 6414 Email: steven.kutney@energytransfer.com

[Signature] _____
MARK J. WEJKSZNER, NORTHEAST REGION AIR PROGRAM MANAGER



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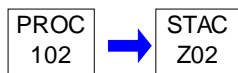
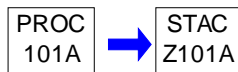
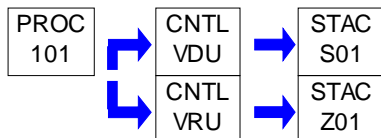
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Source ID	Source Name	Capacity/Throughput		Fuel/Material
101	GASOLINE TRUCK LOADING RACK	96,000.000	Gal/HR	GASOLINE
101A	DISTILLATE FUEL TRUCK LOADING RACK	40,000.000	Gal/HR	DISTILLATE
102	TANK 2 (INTERNAL FLOATING ROOF)		N/A	TRANSMIX
103	TANK 3 (INTERNAL FLOATING ROOF)		N/A	TRANSMIX
105	TANK 105 (INTERNAL FLOATING ROOF)		N/A	GASOLINE
106	TANK 6 (INTERNAL FLOATING ROOF)		N/A	GASOLINE
115	TANK 15 (INTERNAL FLOATING ROOF)		N/A	GASOLINE
117	TANK 17 - 201,582 GALLON ETHANOL - GP2		N/A	ETHANOL
119	TANK 19 (INTERNAL FLOATING ROOF)		N/A	DISTILLATE
120	TANK 20 (FIXED ROOF)		N/A	DISTILLATE
200	PUMP, VALVE & FLANGE VOC LOSSES		N/A	
300	OIL/WATER SEPARATOR TANK (HORZ FIXD RF)			
VDU	VAPOR DESTRUCTION UNIT (VDU)			
VRU	VAPOR RECOVERY UNIT (VRU)			
S01	VDU STACK			
Z01	FUGITIVE VOC EMISSIONS - VRU			
Z02	FUGITIVE VOC EMISSIONS - TANK 2			
Z03	FUGITIVE VOC EMISSIONS - TANK 3			
Z06	FUGITIVE VOC EMISSIONS - TANK 6			
Z101A	FUGITIVE VOC EMISSIONS			
Z105	FUGITIVE VOV EMISSIONS - TANK 105			
Z115	FUGITIVE VOC EMISSIONS - TANK 15			
Z117	FUGITIVE VOC EMISSIONS - TANK 17			
Z119	FUGITIVE VOC EMISSIONS - TANK 19			
Z120	FUGITIVE VOC EMISSIONS - TANK 20			
Z200	FUGITIVE VOC EMISSIONS			
Z300	FUGITIVE VOC EMISSIONS - SEPARATOR TANK LOSSES			

PERMIT MAPS

**PERMIT MAPS**

PROC
103 → STAC
Z03

PROC
105 → STAC
Z105

PROC
106 → STAC
Z06

PROC
115 → STAC
Z115

PROC
117 → STAC
Z117

PROC
119 → STAC
Z119

PROC
120 → STAC
Z120

PROC
200 → STAC
Z200

PROC
300 → STAC
Z300

**SECTION B. General State Only 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 in 25 Pa. Code § 121.1.

#002 [25 Pa. Code § 127.446]**Operating Permit Duration.**

(a) 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.

(b) The terms and conditions of the expired permit shall automatically continue pending issuance of a new operating 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.

#003 [25 Pa. Code §§ 127.412, 127.413, 127.414, 127.446 & 127.703(b)]**Permit Renewal.**

(a) The permittee shall submit a timely and complete application for renewal of the operating permit to the appropriate Regional Air Program Manager. The application for renewal of the operating permit shall be submitted at least six (6) months and not more than 18 months before the expiration date of this permit.

(b) The application for permit renewal shall include the current permit number, a description of any permit revisions that occurred during the permit term, and any applicable requirements that were promulgated and not incorporated into the permit during the permit term. 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.

(c) The permittee shall submit with the renewal application a fee for the processing of the application as specified in 25 Pa. Code § 127.703(b). The fees shall be made payable to "The Commonwealth of Pennsylvania Clean Air Fund" and submitted with the fee form to the respective regional office.

(d) 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.

(e) The application for renewal of the operating permit shall also include submission of supplemental compliance review forms in accordance with the requirements of 25 Pa. Code § 127.412(b) and § 127.412(j).

(f) 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 as necessary to address any requirements that become applicable to the source after the permittee submits a complete application, but prior to the date the Department takes action on the permit application.

#004 [25 Pa. Code § 127.703]**Operating Permit Fees under Subchapter I.**

(a) The permittee shall pay the annual operating permit maintenance fee according to the following fee schedule in either paragraph (1) or (2) in accordance with 25 Pa. Code § 127.703(d) on or before December 31 of each year for the next calendar year.

(1) For a synthetic minor facility, a fee equal to:

(i) Four thousand dollars (\$4,000) for calendar years 2021—2025.

(ii) Five thousand dollars (\$5,000) for calendar years 2026—2030.

(iii) Six thousand three hundred dollars (\$6,300) for the calendar years beginning with 2031.

**SECTION B. General State Only Requirements**

(2) For a facility that is not a synthetic minor, a fee equal to:

- (i) Two thousand dollars (\$2,000) for calendar years 2021—2025.
- (ii) Two thousand five hundred dollars (\$2,500) for calendar years 2026—2030.
- (iii) Three thousand one hundred dollars (\$3,100) for the calendar years beginning with 2031.

(b) The applicable fees shall be made payable to "The Commonwealth of Pennsylvania Clean Air Fund" with the permit number clearly indicated and submitted to the respective regional office.

#005 [25 Pa. Code §§ 127.450 (a)(4) and 127.464]**Transfer of Operating Permits.**

(a) This operating permit may not be transferred to another person, except in cases of transfer-of-ownership that are documented and approved by the Department.

(b) In accordance with 25 Pa. Code § 127.450(a)(4), a change in ownership of the source shall be treated as an administrative amendment if the Department determines that no other change in the permit is required and 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 a compliance review form has been submitted to, and the permit transfer has been approved by, the Department.

(c) This operating permit is valid only for those specific sources and the specific source locations described in this permit.

#006 [25 Pa. Code § 127.441 and 35 P.S. § 4008]**Inspection and Entry.**

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

(1) Enter at reasonable times upon the permittee's premises where a 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, at reasonable times, any records that are kept under the conditions of this permit;

(3) Inspect at reasonable times, any 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, any 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 or regulations adopted thereunder including denying the Department access to a source at this facility. Refusal of entry or access may constitute grounds for permit revocation and assessment of criminal and/or civil penalties.

(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.

#007 [25 Pa. Code §§ 127.441 & 127.444]**Compliance Requirements.**

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

**SECTION B. General State Only Requirements**

- (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 for the source is 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 State-Only permit. Nothing in this sub-condition shall be construed to create an independent affirmative duty upon the permittee to obtain a predetermination from the Department for physical configuration or engineering design detail changes made by the permittee.

#008 [25 Pa. Code § 127.441]**Need to Halt or Reduce Activity Not a Defense.**

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

#009 [25 Pa. Code §§ 127.442(a) & 127.461]**Duty to Provide Information.**

(a) The permittee shall submit reports to the Department containing information the Department may prescribe relative to the operation and maintenance of each source at the facility.

(b) The permittee shall furnish to the Department, in writing, information that the Department may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. Upon request, the permittee shall also furnish to the Department copies of records that the permittee is required to maintain in accordance with this permit.

#010 [25 Pa. Code § 127.461]**Revising an Operating Permit for Cause.**

This operating permit may be terminated, modified, suspended or revoked and reissued if one or more of the following applies:

- (1) The permittee constructs or operates the source subject to the operating permit so that it is in violation of the Air Pollution Control Act, the Clean Air Act, the regulations thereunder, a plan approval, a permit or in a manner that causes air pollution.
- (2) The permittee fails to properly or adequately maintain or repair an air pollution control device or equipment attached to or otherwise made a part of the source.
- (3) The permittee has failed to submit a report required by the operating permit or an applicable regulation.
- (4) The EPA determines that the permit is not in compliance with the Clean Air Act or the regulations thereunder.

#011 [25 Pa. Code §§ 127.450, 127.462, 127.465 & 127.703]**Operating Permit Modifications**

(a) The permittee is authorized to make administrative amendments, minor operating permit modifications and significant operating permit modifications, under this permit, as outlined below:

**SECTION B. General State Only Requirements**

(b) Administrative Amendments. The permittee shall submit the application for administrative operating permit amendments (as defined in 25 Pa. Code § 127.450(a)), according to procedures specified in § 127.450 unless precluded by the Clean Air Act or its regulations.

(c) Minor Operating Permit Modifications. The permittee shall submit the application for minor operating permit modifications (as defined 25 Pa. Code § 121.1) in accordance with 25 Pa. Code § 127.462.

(d) Significant Operating Permit Modifications. The permittee shall submit the application for significant operating permit modifications in accordance with 25 Pa. Code § 127.465.

(e) The applicable fees shall be made payable to "The Commonwealth of Pennsylvania Clean Air Fund" with the permit number clearly indicated and submitted to the respective regional office.

#012 [25 Pa. Code § 127.441]**Severability Clause.**

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

#013 [25 Pa. Code § 127.449]**De Minimis Emission Increases.**

(a) This permit authorizes de minimis emission increases in accordance with 25 Pa. Code § 127.449 so long as the permittee provides the Department with seven (7) days prior written notice before commencing any de minimis emissions increase. 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.

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

(c) Except as provided below in (d), the permittee is authorized 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, the regulations thereunder 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, the regulations thereunder or 25 Pa. Code Article III.

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

(d) In accordance with § 127.14, the permittee is authorized to install the following minor sources without the need for a plan approval or permit modification:

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(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 or by commercial fuel oils which are No. 2 or lighter, viscosity less than or equal to 5.82 c St, and which meet the sulfur content requirements of 25 Pa. Code §123.22 (relating to combustion units). For purposes of this permit, commercial fuel oil shall be virgin oil which has no reprocessed, recycled or waste material added.

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

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

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

(e) 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 (c)(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 this permit, the Air Pollution Control Act, the Clean Air Act, or the regulations promulgated under either of the acts.

(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, installation of minor sources made pursuant to this permit condition and Plan Approval Exemptions under 25 Pa. Code § 127.14 (relating to exemptions), the permittee is prohibited from making 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.

#014 [25 Pa. Code § 127.3]**Operational Flexibility.**

The permittee is authorized to make changes within the facility in accordance with the regulatory provisions outlined in 25 Pa. Code § 127.3 (relating to operational flexibility) to implement the operational flexibility requirements provisions authorized under Section 6.1(i) of the Air Pollution Control Act and the operational flexibility terms and conditions of this permit. The provisions in 25 Pa. Code Chapter 127 which implement the operational flexibility requirements include the following:

(1) Section 127.14 (relating to exemptions)

(2) Section 127.447 (relating to alternative operating scenarios)

(3) Section 127.448 (relating to emissions trading at facilities with Federally enforceable emissions caps)

(4) Section 127.449 (relating to de minimis emission increases)

(5) Section 127.450 (relating to administrative operating permit amendments)

**SECTION B. General State Only Requirements**

(6) Section 127.462 (relating to minor operating permit modifications)

(7) Subchapter H (relating to general plan approvals and general operating permits)

#015 [25 Pa. Code § 127.11]**Reactivation**

(a) The permittee may not reactivate a source that has been out of operation or production for at least one year unless the reactivation is conducted in accordance with a plan approval granted by the Department or in accordance with reactivation and maintenance plans developed and approved by the Department in accordance with 25 Pa. Code § 127.11a(a).

(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).

#016 [25 Pa. Code § 127.36]**Health Risk-based Emission Standards and Operating Practice Requirements.**

(a) When needed to protect public health, welfare and the environment from emissions of hazardous air pollutants from new and existing sources, the permittee shall comply with the health risk-based emission standards or operating practice requirements imposed by the Department, except as precluded by §§ 6.6(d)(2) and (3) of the Air Pollution Control Act [35 P.S. § 4006.6(d)(2) and (3)].

(b) A person challenging a performance or emission standard established by the Department has the burden to demonstrate that performance or emission standard does not meet the requirements of Section 112 of the Clean Air Act.

#017 [25 Pa. Code § 121.9]**Circumvention.**

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 25 Pa. Code Article III, except that with prior approval of the Department, the device or technique may be used for control of malodors.

#018 [25 Pa. Code §§ 127.402(d) & 127.442]**Reporting Requirements.**

(a) The permittee shall comply with the applicable reporting requirements of the Clean Air Act, the regulations thereunder, the Air Pollution Control Act and 25 Pa. Code Article III including Chapters 127, 135 and 139.

(b) The permittee shall submit reports to the Department containing information the Department may prescribe relative to the operation and maintenance of any air contamination source.

(c) 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 in the permit transmittal letter, or otherwise notified)

(d) Any records or information including applications, forms, or reports submitted pursuant to this permit condition shall contain a certification by a responsible official as to truth, accuracy and completeness. The certifications submitted under this permit shall require a responsible official of the facility to certify that based on information and belief formed after reasonable inquiry, the statements and information in the documents are true, accurate and complete.

(e) Any records, reports or information submitted to the Department shall be available to the public except for such

**SECTION B. General State Only Requirements**

records, reports or information which meet the confidentiality requirements of § 4013.2 of the Air Pollution Control Act and §§ 112(d) and 114(c) of the Clean Air Act. The permittee may not request a claim of confidentiality for any emissions data generated for the facility.

#019 [25 Pa. Code §§ 127.441(c) & 135.5]**Sampling, Testing and Monitoring Procedures.**

(a) The permittee shall comply with the monitoring, recordkeeping or reporting requirements of 25 Pa. Code Chapter 139 and the other applicable requirements of 25 Pa. Code Article III and additional requirements related to monitoring, reporting and recordkeeping required by the Clean Air Act and the regulations thereunder including the Compliance Assurance Monitoring requirements of 40 CFR Part 64, where applicable.

(b) Unless alternative methodology is required by the Clean Air Act and regulations adopted thereunder, sampling, testing and monitoring required by or used by the permittee to demonstrate compliance with any applicable regulation or permit condition shall be conducted in accordance with the requirements of 25 Pa. Code Chapter 139.

#020 [25 Pa. Code §§ 127.441(c) and 135.5]**Recordkeeping.**

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

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

(c) The permittee shall maintain and make available to the Department upon request, records including computerized records that may be necessary to comply with the reporting, recordkeeping and emission statement requirements in 25 Pa. Code Chapter 135 (relating to reporting of sources). In accordance with 25 Pa. Code Chapter 135, § 135.5, such records may include records of production, fuel usage, maintenance of production or pollution control equipment or other information determined by the Department to be necessary for identification and quantification of potential and actual air contaminant emissions.

#021 [25 Pa. Code § 127.441(a)]**Property Rights.**

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

#022 [25 Pa. Code § 127.447]**Alternative Operating Scenarios.**

The permittee is authorized to make changes at the facility to implement alternative operating scenarios identified in this permit in accordance with 25 Pa. Code § 127.447.

**SECTION B. General State Only Requirements****#023 [25 Pa. Code §135.3]****Reporting**

(a) If the facility is a Synthetic Minor Facility, 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 of a Synthetic Minor Facility 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.

#024 [25 Pa. Code §135.4]**Report Format**

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

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

(a) 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.
- (7) Blasting in open pit mines. Emissions from drilling are not considered as emissions from blasting.
- (8) Sources and classes of sources other than those identified in paragraphs (1)-(7), for which the operator has obtained a determination from the Department that fugitive emissions from the source, after appropriate control, meet the following requirements:
 - (i) the emissions are of minor significance with respect to causing air pollution; and
 - (ii) the emissions are not preventing or interfering with the attainment or maintenance of any ambient air quality standard.

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

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

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

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.

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

(a) 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:

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

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

(a) The limitations of SECTION C - Condition #004 shall not apply to visible emissions in any of the following instances:

- (1) When the presence of uncombined water is the only reason for failure of the emission to meet the limitations.
- (2) When the emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions.
- (3) When the emission results from sources specified in SECTION C - Condition #001.

**SECTION C. Site Level Requirements****# 006 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11087]****Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What requirements must I meet for gasoline storage tanks if my facility is a bulk gasoline terminal, pipeline breakout st**

(40 CFR Part 63 is being incorporated into this permit through Pa Code, Title 25, Section 127.463 --- Operating Permit Revisions to Incorporate Applicable Standards)

- (a) You must meet each emission limit and management practice in Table 1 to this subpart that applies to your gasoline storage tanks.
- (b) You must comply with the requirements of this subpart by the applicable dates specified in Sec. 63.11083, except that storage vessels equipped with floating roofs and not meeting the requirements of paragraph (a) of this section must be in compliance at the first degassing and cleaning activity after January 10, 2011 or by January 10, 2018, whichever is first.
- (c) You must comply with the applicable testing and monitoring requirements specified in Sec. 63.11092(e).
- (d) You must submit the applicable notifications as required under Sec. 63.11093.
- (e) You must keep records and submit reports as specified in Sec. Sec. 63.11094 and 63.11095.
- (f) If your gasoline storage tank is subject to, and complies with, the control requirements of 40 CFR part 60, subpart Kb of this chapter, your storage tank will be deemed in compliance with this section. You must report this determination in the Notification of Compliance Status report under Sec. 63.11093(b).

007 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11089]**Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What requirements must I meet for equipment leak inspections if my facility is a bulk gasoline terminal, bulk plant, pipe**

(40 CFR Part 63 is being incorporated into this permit through Pa Code, Title 25, Section 127.463 --- Operating Permit Revisions to Incorporate Applicable Standards)

- (a) Each owner or operator of a bulk gasoline terminal, bulk plant, pipeline breakout station, or pipeline pumping station subject to the provisions of this subpart shall perform a monthly leak inspection of all equipment in gasoline service, as defined in Sec. 63.11100. For this inspection, detection methods incorporating sight, sound, and smell are acceptable.
- (b) A log book shall be used and shall be signed by the owner or operator at the completion of each inspection. A section of the log book shall contain a list, summary description, or diagram(s) showing the location of all equipment in gasoline service at the facility.
- (c) Each detection of a liquid or vapor leak shall be recorded in the log book. When a leak is detected, an initial attempt at repair shall be made as soon as practicable, but no later than 5 calendar days after the leak is detected. Repair or replacement of leaking equipment shall be completed within 15 calendar days after detection of each leak, except as provided in paragraph (d) of this section.
- (d) Delay of repair of leaking equipment will be allowed if the repair is not feasible within 15 days. The owner or operator shall provide in the semiannual report specified in Sec. 63.11095(b), the reason(s) why the repair was not feasible and the date each repair was completed.
- (e) You must comply with the requirements of this subpart by the applicable dates specified in Sec. 63.11083.
- (f) You must submit the applicable notifications as required under Sec. 63.11093.
- (g) You must keep records and submit reports as specified in Sec. Sec. 63.11094 and 63.11095.

**SECTION C. Site Level Requirements****# 008 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11093]****Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What notifications must I submit and when?**

(40 CFR Part 63 is being incorporated into this permit through Pa Code, Title 25, Section 127.463 --- Operating Permit Revisions to Incorporate Applicable Standards)

(a) Each owner or operator of an affected source under this subpart must submit an Initial Notification as specified in Sec. 63.9(b). If your facility is in compliance with the requirements of this subpart at the time the Initial Notification is due, the Notification of Compliance Status required under paragraph (b) of this section may be submitted in lieu of the Initial Notification.

(b) Each owner or operator of an affected source under this subpart must submit a Notification of Compliance Status as specified in Sec. 63.9(h). The Notification of Compliance Status must specify which of the compliance options included in Table 1 to this subpart is used to comply with this subpart.

(c) Each owner or operator of an affected bulk gasoline terminal under this subpart must submit a Notification of Performance Test, as specified in Sec. 63.9(e), prior to initiating testing required by Sec. 63.11092(a) or Sec. 63.11092(b).

(d) Each owner or operator of any affected source under this subpart must submit additional notifications specified in Sec. 63.9, as applicable.

009 Elective Restriction

The permittee shall be subjected to the following emission limitation:

(a) The total emission of Volatile Organic Compounds (VOCs) from the facility shall, during any consecutive 12 month period, be less than 50 tons.

(b) The actual emissions of Hazardous Air Pollutants (HAPs) from the facility as identified in Section 112(b) of Title III of the Clean Air Act, shall, during any consecutive 12 month period, be less than 10 tons per year for any single HAP and 25 tons per year for any combination of HAPs.

II. TESTING REQUIREMENTS.**# 010 [25 Pa. Code §127.35]****Maximum achievable control technology standards for hazardous air pollutants.**

(a) To ensure the practical enforceability of the annual Hazardous Air Pollutant (HAP) emission limit and Volatile Organic Compound (VOC) emission limit, the permittee shall, on a quarterly basis, perform tests of all petroleum liquids being stored and distributed at the facility in order to determine the HAP and VOC content of each.

(b) The quarterly testing of a petroleum liquid may be waived if the HAP or VOC content of the liquid can be demonstrated from documentation provided by the manufacturer (i.e. Material Safety and Data Sheets, manufacturer testing results, EPA emission factors, etc.).

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

All sampling, testing and analyses performed in compliance with the requirements of any section of this permit shall be done in accordance with SECTION B, General Requirement #019.

**SECTION C. Site Level Requirements****III. MONITORING REQUIREMENTS.****# 012 [25 Pa. Code §123.43]****Measuring techniques**

(a) Visible emissions may be measured using either of the following:

- (1) A device approved by the Department and maintained to provide accurate opacity measurements.
- (2) Observers, trained and 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.**

The permittee shall perform a daily visual inspection of all potential leak points to minimize the risk of spillage of petroleum products during storage or material transfers during man operating working hours.

014 [25 Pa. Code §127.441]**Operating permit terms and conditions.****VISIBLE, FUGITIVE, AND MALODOR EMISSIONS**

(a) The permittee shall conduct weekly inspections of the facility perimeter, during daylight hours when the plant is in operation, to detect visible, fugitive, and malodor emissions as follows:

- (1) Visible emissions in excess of the limits stated in SECTION C - Condition #004.
 - (i) Visible emissions may be measured according to the methods specified in SECTION C - Condition #012, or alternatively, plant personnel who observe any visible emissions (i.e. emissions in excess of 0% opacity) will report the incident of visible emissions to the Department within four (4) hours of each incident and make arrangements for a certified observer to verify the opacity of the emissions.
- (2) The presence of fugitive emissions visible beyond the boundaries of the facility, as stated in SECTION C - Condition #002.
- (3) The presence of malodor emissions beyond the boundaries of the facility, as stated in SECTION C - Condition #003.

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

(a) The permittee shall keep a logbook of weekly facility inspections performed. The logbook shall include the name of the company representative performing the inspections, the date and time of inspections, any instances of exceedances of visible emissions limitations, visible fugitive emissions, and malodorous air emissions, and the name of the manager informed of the detected emission. The permittee shall also record any and all corrective action(s) taken to abate each recorded deviation to prevent future occurrences.

(b) These records shall be kept for a five (5) year period and shall be made available to the Department upon request.

016 [25 Pa. Code §129.56]**Storage tanks greater than 40,000 gallons capacity containing VOCs**

(a) To determine compliance the permittee shall, on a monthly basis, maintain records of the following information on each storage tank:

- (1) The name of the petroleum liquid being stored in the tank;
- (2) The period of time over which the liquid was stored; and
- (3) The maximum true vapor pressure of that particular liquid during the term of storage.

**SECTION C. Site Level Requirements**

(b) For volatile organic compounds whose storage temperature is governed by ambient weather conditions, the vapor pressure under actual storage conditions shall be determined using a temperature which is representative of the average storage temperature for the hottest month of the year in which such storage takes place.

017 [25 Pa. Code §129.62]**General standards for bulk gasoline terminals/plants, and small gasoline storage tanks**

(a) Recordkeeping shall be as follows:

(1) The permittee shall maintain records of certification testing and repairs. The records shall identify the gasoline tank truck, vapor collection system or vapor control system; the date of the test or repair; and, if applicable, the type of repair and the date of retest. The records shall be maintained in a legible, readily-available condition for 1 year after the date the testing or repair was completed.

(2) The records of certification tests required by paragraph (a) (1) of this permit shall contain:

- (i) The gasoline tank truck tank serial number.
- (ii) The initial test pressure and the time of the reading.
- (iii) The final test pressure and the time of the reading.
- (iv) The initial test vacuum and the time of the reading.
- (v) The final test vacuum and the time of the reading.
- (vi) At the top of each report page, the company name and the date and location of the tests on that page.
- (vii) The name and title of the person conducting the test.

(b) Copies of records and reports under this subsection shall be made available to the Department upon request. A copy of the test results for each gasoline tank shall be kept with the truck.

(c) Gasoline tank trucks with a rated capacity of less than 4,800 gallons are exempt from the requirements of 25 Pa. Code, Section 129.62 (c) and (d).

018 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11094]**Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What are my recordkeeping requirements?**

(40 CFR Part 63 is being incorporated into this permit through Pa Code, Title 25, Section 127.463 --- Operating Permit Revisions to Incorporate Applicable Standards)

(a) Each owner or operator of a bulk gasoline terminal or pipeline breakout station whose storage vessels are subject to the provisions of this subpart shall keep records as specified in Sec. 60.115b of this chapter if you are complying with options 2(a), 2(b), or 2(c) in Table 1 to this subpart, except records shall be kept for at least 5 years. If you are complying with the requirements of option 2(d) in Table 1 to this subpart, you shall keep records as specified in Sec. 63.1065.

(b) Each owner or operator of a bulk gasoline terminal subject to the provisions of this subpart shall keep records of the test results for each gasoline cargo tank loading at the facility as specified in paragraphs (b)(1) through (3) of this section.

(1) Annual certification testing performed under Sec. 63.11092(f)(1) and periodic railcar bubble leak testing performed under Sec. 63.11092(f)(2).

(2) The documentation file shall be kept up-to-date for each gasoline cargo tank loading at the facility. The documentation for each test shall include, as a minimum, the following information:

- (i) Name of test: Annual Certification Test--Method 27 or Periodic Railcar Bubble Leak Test Procedure.
- (ii) Cargo tank owner's name and address.
- (iii) Cargo tank identification number.
- (iv) Test location and date.
- (v) Tester name and signature.
- (vi) Witnessing inspector, if any: Name, signature, and affiliation.

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(vii) Vapor tightness repair: Nature of repair work and when performed in relation to vapor tightness testing.

(viii) Test results: Test pressure; pressure or vacuum change, mm of water; time period of test; number of leaks found with instrument; and leak definition.

(3) If you are complying with the alternative requirements in Sec. 63.11088(b), you must keep records documenting that you have verified the vapor tightness testing according to the requirements of the Administrator.

(c) As an alternative to keeping records at the terminal of each gasoline cargo tank test result as required in paragraph (b) of this section, an owner or operator may comply with the requirements in either paragraph (c)(1) or paragraph (c)(2) of this section.

(1) An electronic copy of each record is instantly available at the terminal.

(i) The copy of each record in paragraph (c)(1) of this section is an exact duplicate image of the original paper record with certifying signatures.

(ii) The Administrator is notified in writing that each terminal using this alternative is in compliance with paragraph (c)(1) of this section.

(2) For facilities that use a terminal automation system to prevent gasoline cargo tanks that do not have valid cargo tank vapor tightness documentation from loading (e.g., via a card lock-out system), a copy of the documentation is made available (e.g., via facsimile) for inspection by the Administrator's delegated representatives during the course of a site visit, or within a mutually agreeable time frame.

(i) The copy of each record in paragraph (c)(2) of this section is an exact duplicate image of the original paper record with certifying signatures.

(ii) The Administrator is notified in writing that each terminal using this alternative is in compliance with paragraph (c)(2) of this section.

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

(e) Each owner or operator of an affected source subject to equipment leak inspections under Sec. 63.11089 shall record in the log book for each leak that is detected the information specified in paragraphs (e)(1) through (7) of this section.

(1) The equipment type and identification number.

(2) The nature of the leak (i.e., vapor or liquid) and the method of detection (i.e., sight, sound, or smell).

(3) The date the leak was detected and the date of each attempt to repair the leak.

(4) Repair methods applied in each attempt to repair the leak.

(5) "Repair delayed" and the reason for the delay if the leak is not repaired within 15 calendar days after discovery of the leak.

(6) The expected date of successful repair of the leak if the leak is not repaired within 15 days.

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

(f) Each owner or operator of a bulk gasoline terminal subject to the provisions of this subpart shall:

(1) Keep an up-to-date, readily accessible record of the continuous monitoring data required under Sec. 63.11092(b) or Sec. 63.11092(e). This record shall indicate the time intervals during which loadings of gasoline cargo tanks have occurred or, alternatively, shall record the operating parameter data only during such loadings. The date and time of day shall also be indicated at reasonable intervals on this record.

(2) Record and report simultaneously with the Notification of Compliance Status required under Sec. 63.11093(b):

(i) All data and calculations, engineering assessments, and manufacturer's recommendations used in determining the operating parameter value under Sec. 63.11092(b) or Sec. 63.11092(e); and

(ii) The following information when using a flare under provisions of Sec. 63.11(b) to comply with Sec. 63.11087(a):

(A) Flare design (i.e., steam-assisted, air-assisted, or non-assisted); and

(B) All visible emissions (VE) readings, heat content determinations, flow rate measurements, and exit velocity determinations made during the compliance determination required under Sec. 63.11092(e)(3).

(3) Keep an up-to-date, readily accessible copy of the monitoring and inspection plan required under Sec. 63.11092(b)(1)(i)(B)(2) or Sec. 63.11092(b)(1)(iii)(B)(2).

(4) Keep an up-to-date, readily accessible record of all system malfunctions, as specified in Sec. 63.11092(b)(1)(i)(B)(2)(v) or Sec. 63.11092(b)(1)(iii)(B)(2)(v).

(5) If an owner or operator requests approval to use a vapor processing system or monitor an operating parameter other than those specified in Sec. 63.11092(b), the owner or operator shall submit a description of planned reporting and

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recordkeeping procedures.

019 Elective Restriction

(a) The permittee shall maintain the following records on site in order to demonstrate compliance with SECTION C - Condition #009:

(1) Daily product throughput, in gallons, for all sources at the facility.

(2) VOC and HAP content for the petroleum liquids stored and distributed at the facility.

(3) Calculate and record monthly, using the VOC and HAP content records for the petroleum liquids stored and distributed at the facility and the throughput records, the VOC, single HAP, and total HAP facility emissions on a 12 month rolling basis. Each monthly record shall specify the facility emissions of single HAPs, total HAPs, and VOCs in units of tons for each of the twelve consecutive 12-Month periods that ended during the previous quarter.

(4) The record shall be completed within 30 days of the end of the previous month.

V. REPORTING REQUIREMENTS.**# 020 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The company, within one (1) hour of occurrence, shall notify the Department, at (610) 861-2070, of any malfunction, recordkeeping and reporting errors, or other possible non-compliance issues, which result in, or may possibly be resulting in, the emission of air contaminants in excess of the limitations specified in, or established pursuant to, any applicable rule or regulations contained in Article III of the Rules and Regulations of the Department of Environmental Protection.

(b) A written report shall be submitted to the Department within five (5) working days following the incident describing the malfunction, recordkeeping and reporting error or other non-compliance issue and the corrective actions being taken. The Department may take enforcement action for any violations of the applicable standards.

021 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11095]**Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What are my reporting requirements?**

(40 CFR Part 63 is being incorporated into this permit through Pa Code, Title 25, Section 127.463 --- Operating Permit Revisions to Incorporate Applicable Standards)

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

(1) For storage vessels, if you are complying with options 2(a), 2(b), or 2(c) in Table 1 to this subpart, the information specified in Sec. 60.115b(a), Sec. 60.115b(b), or Sec. 60.115b(c) of this chapter, depending upon the control equipment installed, or, if you are complying with option 2(d) in Table 1 to this subpart, the information specified in Sec. 63.1066.

(2) For loading racks, each loading of a gasoline cargo tank for which vapor tightness documentation had not been previously obtained by the facility.

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

(b) Each owner or operator of an affected source subject to the control requirements of this subpart shall submit an excess emissions report to the Administrator at the time the semiannual compliance report is submitted. Excess emissions events under this subpart, and the information to be included in the excess emissions report, are specified in paragraphs

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(b)(1) through (5) of this section.

(1) Each instance of a non-vapor-tight gasoline cargo tank loading at the facility in which the owner or operator failed to take steps to assure that such cargo tank would not be reloaded at the facility before vapor tightness documentation for that cargo tank was obtained.

(2) Each reloading of a non-vapor-tight gasoline cargo tank at the facility before vapor tightness documentation for that cargo tank is obtained by the facility in accordance with Sec. 63.11094(b).

(3) Each exceedance or failure to maintain, as appropriate, the monitored operating parameter value determined under Sec. 63.11092(b). The report shall include the monitoring data for the days on which exceedances or failures to maintain have occurred, and a description and timing of the steps taken to repair or perform maintenance on the vapor collection and processing systems or the CMS.

(4) Each instance in which malfunctions discovered during the monitoring and inspections required under Sec. 63.11092(b)(1)(i)(B)(2) and (b)(1)(iii)(B)(2) were not resolved according to the necessary corrective actions described in the monitoring and inspection plan. The report shall include a description of the malfunction and the timing of the steps taken to correct the malfunction.

(5) For each occurrence of an equipment leak for which no repair attempt was made within 5 days or for which repair was not completed within 15 days after detection:

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

(c) Each owner or operator of a bulk gasoline plant or a pipeline pumping station shall submit a semiannual excess emissions report, including the information specified in paragraphs (a)(3) and (b)(5) of this section, only for a 6-month period during which an excess emission event has occurred. If no excess emission events have occurred during the previous 6-month period, no report is required.

(d) Each owner or operator of an affected source under this subpart shall submit a semiannual report including the number, duration, and a brief description of each type of malfunction which occurred during the reporting period and which caused or may have caused any applicable emission limitation to be exceeded. The report must also include a description of actions taken by an owner or operator during a malfunction of an affected source to minimize emissions in accordance with §63.11085(a), including actions taken to correct a malfunction. The report may be submitted as a part of the semiannual compliance report, if one is required. Owners or operators of affected bulk plants and pipeline pumping stations are not required to submit reports for periods during which no malfunctions occurred.

[73 FR 1933, Jan. 10, 2008, as amended at 73 FR 12276, Mar. 7, 2008; 76 FR 4178, Jan. 24, 2011]

022 Elective Restriction

(a) The permittee shall observe the following reporting requirements:

(1) At the end of each calendar year, the permittee shall submit an Annual Emissions Report demonstrating compliance with the Elective Restrictions specified in SECTION C - Condition #009.

(2) The report shall specify the emissions of single HAPs, total HAPs, and VOCs in units of tons for each of the twelve (12) consecutive 12-Month periods that ended during the year.

(3) For each Annual Emissions Report, the permittee shall determine stack and fugitive losses of VOCs and HAPs using the following methods:

(i) The actual emissions of Volatile Organic Compounds (VOCs) and Hazardous Air Pollutants (HAPs) from the storage tanks shall be determined using the most recent version of the EPA Tanks Program or an equivalent method approved by the Department.

(ii) The actual emissions of VOCs and HAPs from the gasoline truck loading rack shall be determined using the latest VCU stack test data, daily throughput rates, and an assumed vapor-tightness loss rate of 9 mg/liter from the loaded trucks.

(iii) Should more accurate emission factors be developed during the term of this Operating Permit, the permittee shall

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implement these factors, provided that these emission factors are agreeable to both the Department and the permittee.

(4) The permittee shall submit the Annual Emissions Report to the Department postmarked by March 1 of each year.

(5) The Annual Emissions Report can be included with any other report required by this permit.

023 Elective Restriction

The permittee shall submit an Air Information Management System (AIMS) inventory report annually. The AIMS report shall be due March 1 of each year and shall cover the twelve month period of the previous calendar year. This report shall be submitted in addition to the Annual Emissions Report required by SECTION C - Condition #022.

VI. WORK PRACTICE REQUIREMENTS.**# 024 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

(a) The permittee shall take all reasonable actions to prevent particulate matter from becoming airborne. These actions shall include, but not be limited to, the following:

- (1) Use, where possible, of water or chemicals for control of dust in the demolition of buildings or structures, construction operations, the grading of roads, or the clearing of land.
- (2) Application of asphalt, oil, water or suitable chemicals on dirt roads, material stockpiles and other surfaces which may give rise to airborne dusts.
- (3) Paving and maintenance of roadways.

025 [25 Pa. Code §129.14]**Open burning operations****AIR BASINS**

- (a) A person may not permit the open burning of material in an air basin.
- (b) Exceptions: The requirements of subsections (a) do not apply where the open burning operations result from:
- (1) A fire set to prevent or abate a fire hazard, when approved by the Department and set by or under the supervision of a public officer.
 - (2) A fire set for the purpose of instructing personnel in fire fighting, when approved by the Department.
 - (3) A fire set for the prevention and control of disease or pests, when approved by the Department.
 - (4) A fire set in conjunction with the production of agricultural commodities in their unmanufactured state on the premises of the farm operation.
 - (5) 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 such structure.
 - (6) A fire set solely for recreational or ceremonial purposes.
 - (7) A fire set solely for cooking food.
- (c) Clearing and grubbing wastes. The following is applicable to clearing and grubbing wastes:
- (1) As used in this subsection the following terms shall have the following meanings:

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

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

**SECTION C. Site Level Requirements**

(2) Subsection (a) notwithstanding, clearing and grubbing wastes may be burned in a basin subject to the following requirements:

- (i) Air curtain destructors shall be used when burning clearing and grubbing wastes.
- (ii) Each proposed use of air curtain destructors shall be reviewed and approved by the Department in writing with respect to equipment arrangement, design and existing environmental conditions prior to commencement of burning. Proposals approved under this subparagraph need not obtain plan approval or operating permits under Chapter 127 (relating to construction modification, reactivation and operation of sources).
- (iii) Approval for use of an air curtain destructor at one site may be granted for a specified period not to exceed 3 months, but may be extended for additional limited periods upon further approval by the Department.
- (iv) The Department reserves the right to rescind approval granted if a determination by the Department indicates that an air pollution problem exists.

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

026 [25 Pa. Code §129.62]**General standards for bulk gasoline terminals/plants, and small gasoline storage tanks**

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

(b) The permittee shall not allow the transfer of gasoline between the tank truck or trailer and a stationary storage tank unless the following conditions are met:

- (1) The vapor balance system is in good working order and is designed and operated in a manner that prevents:
 - (i) Gauge pressure from exceeding 18 inches of H₂O (4500 pascals) and vacuum from exceeding 6 inches of water (1500 pascals) in the gasoline tank truck.
 - (ii) A reading equal to or greater than 100% of the lower explosive limit--LEL, measured as propane--at 1 inch from points on the perimeter of a potential leak source when measured by the method referenced in 139.14 (relating to emissions of volatile organic compounds) during loading or unloading operations at small gasoline storage tanks, bulk plants and bulk terminals.
 - (iii) Avoidable liquid leaks during loading or unloading operations.
- (2) A truck, vapor balance system or vapor disposal system, if applicable, that exceeds the limits in paragraph (1) is repaired and retested within 15 days.
- (3) There are no visually- or audibly-detectable leaks in the tank truck's or trailer's pressure/vacuum relief valves and hatch covers, the truck tanks or storage tanks, or associated vapor and liquid lines during loading or unloading.
- (4) The pressure and vacuum relief valves on storage vessels and tank trucks or trailers are set to release at no less than 0.7 psig (4.8 kilopascals) of pressure or 0.3 psig (2.1 kilopascals) of vacuum or the highest allowable pressure and vacuum as specified in State or local fire codes, the National Fire Prevention Association guidelines or other National consensus standards acceptable to the Department. No pressure and vacuum relief valve is required if the permittee demonstrates that the vapor balance system specified in paragraph (1) will achieve a 90% vapor recovery efficiency without a pressure and vacuum relief valve and that an interlock system, sufficient to ensure connection of the vapor recovery line prior to delivery of the gasoline, will be used. The vacuum setting on the pressure and vacuum relief valve may be set at the lowest vacuum setting which is sufficient to keep the vent closed at zero pressure and vacuum.

(c) A person may not allow a gasoline tank truck with a rated capacity of 4800 gallons or greater to be filled or emptied in Pennsylvania unless the gasoline tank truck:

- (1) Has been tested by the owner or operator within the immediately preceding 12 months in accordance with 139.14.
- (2) Sustains a pressure change of no more than 750 pascals (3 inches of H₂O) in 5 minutes when pressurized to a gauge pressure of 18 inches of H₂O (4,500 pascals) or evacuated to a gauge pressure of 6 inches of H₂O (1,500 pascals) during the testing required in paragraph (c)(1).
- (3) Is repaired by the owner or operator and retested within 15 days of testing if it does not meet the criteria in paragraph (c)(2).
- (4) Displays a clear marking near the Department of Transportation Certification plate required by 49 CFR 178.340-10b (relating to certification), which shows the most recent date upon which the gasoline tank truck passed the test required in this subsection.

**SECTION C. Site Level Requirements****VII. ADDITIONAL REQUIREMENTS.**

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

VIII. COMPLIANCE CERTIFICATION.

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

IX. COMPLIANCE SCHEDULE.

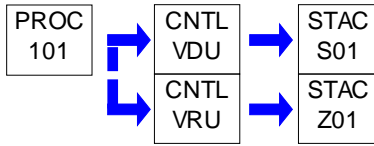
No compliance milestones exist.

**SECTION D. Source Level Requirements**

Source ID: 101

Source Name: GASOLINE TRUCK LOADING RACK

Source Capacity/Throughput: 96,000.000 Gal/HR GASOLINE

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

The emissions to the atmosphere from the Vapor Recovery Unit (VRU) due to the loading of liquid product into gasoline tank trucks are not to exceed:

- (a) 10 milligrams of total organic compounds per liter of gasoline and distillate loaded; and
- (b) 24 tons of Volatile Organic Compounds (VOC) including fugitive per year based upon a 12-month rolling summation.
- (c) The actual emission of VOCs from the loading rack, VRU and VDU including fugitive emissions shall, during any consecutive 12-month period, not exceed 24 tons.

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

(a) The permittee may by-pass the Vapor Recovery Unit (VRU) to the Vapor Destruction Unit (VDU) for purposes of scheduled maintenance or emergency situations in which the Vapor Recovery Unit goes down. Records shall be maintained, and be made available to the Department upon request, whenever the Vapor Recovery Unit is by-passed to the Vapor Destruction Unit.

(b) The records shall include, but not be limited to the following:

- (1) Date, time, and duration of shutdown of the Vapor Recovery Unit
- (2) Reason for the Vapor Recovery Unit being by-passed. ex. Scheduled maintenance / malfunction of the VRU
- (3) Maintenance performed or corrective action taken to fix the VRU.

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

Any time that the Vapor Recovery Unit (VRU) is in operation during the term of this permit, the permittee shall comply with all requirements of this State-Only Permit SM 40-00025.

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

The emissions to the atmosphere from the Vapor Recovery Unit (VDU) due to the loading of liquid product into gasoline tank trucks are not to exceed:

- (a) 35 milligrams of total organic compounds per liter of gasoline and distillate loaded; and

**SECTION D. Source Level Requirements**

(b) 24 tons of Volatile Organic Compounds (VOC) including fugitive per year based upon a 12-month rolling summation.

(c) The actual emission of VOCs from the loading rack, VRU and VDU including fugitive emissions shall, during any consecutive 12-month period, not exceed 24 tons.

**# 005 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63 Subpart BBBBBB Table 2]
Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities**

- Applicability Criteria, Emission Limits, and Management Practices for Loading Racks

(40 CFR Part 63 is being incorporated into this permit through Pa Code, Title 25, Section 127.463 --- Operating Permit Revisions to Incorporate Applicable Standards)

If you own or operate	Then you must
<p>1. A gasoline loading rack(s) at a bulk gasoline terminal with a gasoline throughput of 250,000 gallons per day, or greater.</p>	<p>(a) Equip your loading rack(s) with a vapor collection system designed to collect the TOC vapors displaced from cargo tanks during product loading; and</p> <p>(b) Reduce emissions of TOC to less than or equal to 80 mg/l of gasoline loaded into gasoline cargo tanks at the loading rack; and</p> <p>(c) Design and operate the vapor collection system to prevent any TOC vapors collected at one loading rack from passing to another loading rack; and</p> <p>(d) Limit the loading of gasoline into gasoline cargo tanks that are vapor tight using the procedures specified in Sec. 60.502(e) through (j) of this chapter. For the purposes of this section, the term "tank truck" as used in Sec. 60.502(e) through (j) of this chapter means "cargo tank" as defined in Sec. 63.11100.</p>
<p>2. A gasoline loading rack(s) at a bulk gasoline terminal with a gasoline throughput of less than 250,000 gallons per day.</p>	<p>(a) Use submerged filling with a submerged fill pipe that is no more than 6 inches from the bottom of the cargo tank.</p> <p>(b) Make records available within 24 hours of a request by the Administrator to document your gasoline throughput.</p>

**# 006 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11088]
Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities
What requirements must I meet for gasoline loading racks if my facility is a bulk gasoline terminal, pipeline breakout sta**

(40 CFR Part 63 is being incorporated into this permit through Pa Code, Title 25, Section 127.463 --- Operating Permit Revisions to Incorporate Applicable Standards)

- (a) You must meet each emission limit and management practice in Table 2 to this subpart that applies to you.
- (b) As an alternative for railcar cargo tanks to the requirements specified in Table 2 to this subpart, you may comply with the requirements specified in Sec. 63.422(e).
- (c) You must comply with the requirements of this subpart by the applicable dates specified in Sec. 63.11083.
- (d) You must comply with the applicable testing and monitoring requirements specified in Sec. 63.11092.

**SECTION D. Source Level Requirements**

- (e) You must submit the applicable notifications as required under Sec. 63.11093.
(f) You must keep records and submit reports as specified in Sec. Sec. 63.11094 and 63.11095.

007 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11092]**Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What testing and monitoring requirements must I meet?**

(40 CFR Part 63 is being incorporated into this permit through Pa Code, Title 25, Section 127.463 --- Operating Permit Revisions to Incorporate Applicable Standards)

(a) Each owner or operator subject to the emission standard in Sec. 63.11088 for gasoline loading racks must comply with the requirements in paragraphs (a) through (d) of this section.

(1) Conduct a performance test on the vapor processing and collection systems according to either paragraph (a)(1)(i) or paragraph (a)(1)(ii) of this section.

(i) Use the test methods and procedures in Sec. 60.503 of this chapter, except a reading of 500 parts per million shall be used to determine the level of leaks to be repaired under Sec. 60.503(b) of this chapter.

(ii) Use alternative test methods and procedures in accordance with the alternative test method requirements in Sec. 63.7(f).

(2) If you are operating your gasoline loading rack in compliance with an enforceable State, local, or tribal rule or permit that requires your loading rack to meet an emission limit of 80 milligrams (mg), or less, per liter of gasoline loaded (mg/l), you may submit a statement by a responsible official of your facility certifying the compliance status of your loading rack in lieu of the test required under paragraph (a)(1) of this section.

(3) If you have conducted performance testing on the vapor processing and collection systems within 5 years prior to January 10, 2008, and the test is for the affected facility and is representative of current or anticipated operating processes and conditions, you may submit the results of such testing in lieu of the test required under paragraph (a)(1) of this section, provided the testing was conducted using the test methods and procedures in Sec. 60.503 of this chapter. Should the Administrator deem the prior test data unacceptable, the facility is still required to meet the requirement to conduct an initial performance test within 180 days of the compliance date specified in Sec. 63.11083; thus, previous test reports should be submitted as soon as possible after January 10, 2008.

(4) The performance test requirements of Sec. 63.11092(a) do not apply to flares defined in Sec. 63.11100 and meeting the flare requirements in Sec. 63.11(b). The owner or operator shall demonstrate that the flare and associated vapor collection system is in compliance with the requirements in Sec. 63.11(b) and 40 CFR 60.503(a), (b), and (d).

(b) For each performance test conducted under paragraph (a)(1) of this section, the owner or operator shall determine a monitored operating parameter value for the vapor processing system using the procedures specified in paragraphs (b)(1) through (5) of this section.

(1) Each owner or operator of a bulk gasoline terminal subject to the provisions of this subpart shall install, calibrate, certify, operate, and maintain, according to the manufacturer's specifications, a continuous monitoring system (CMS) while gasoline vapors are displaced to the vapor processor systems specified in paragraphs (b)(1)(i) through (iv) of this section. During the performance test, continuously record the operating parameter as specified under paragraphs (b)(1)(i) through (iv) of this section.

(i) Where a carbon adsorption system is used, the owner or operator shall monitor the operation of the system as specified in paragraphs (b)(1)(i)(A) or (B) of this section.

(A) A continuous emissions monitoring system (CEMS) capable of measuring organic compound concentration shall be installed in the exhaust air stream.

(B) As an alternative to paragraph (b)(1)(i)(A) of this section, you may choose to meet the requirements listed in paragraph (b)(1)(i)(B)(1) and (2) of this section.

(1) Carbon adsorption devices shall be monitored as specified in paragraphs (b)(1)(i)(B)(1)(i),(ii), and (iii) of this section.

(i) Vacuum level shall be monitored using a pressure transmitter installed in the vacuum pump suction line, with the measurements displayed on a gauge that can be visually observed. Each carbon bed shall be observed during one complete regeneration cycle on each day of operation of the loading rack to determine the maximum vacuum level achieved.

**SECTION D. Source Level Requirements**

(ii) Conduct annual testing of the carbon activity for the carbon in each carbon bed. Carbon activity shall be tested in accordance with the butane working capacity test of the American Society for Testing and Materials (ASTM) Method D 5228-92 (incorporated by reference, see Sec. 63.14), or by another suitable procedure as recommended by the manufacturer.

(iii) Conduct monthly measurements of the carbon bed outlet volatile organic compounds (VOC) concentration over the last 5 minutes of an adsorption cycle for each carbon bed, documenting the highest measured VOC concentration. Measurements shall be made using a portable analyzer, in accordance with 40 CFR part 60, Appendix A-7, EPA Method 21 for open-ended lines.

(2) Develop and submit to the Administrator a monitoring and inspection plan that describes the owner or operator's approach for meeting the requirements in paragraphs (b)(1)(i)(B)(2)(i) through (v) of this section.

(i) The lowest maximum required vacuum level and duration needed to assure regeneration of the carbon beds shall be determined by an engineering analysis or from the manufacturer's recommendation and shall be documented in the monitoring and inspection plan.

(ii) The owner or operator shall verify, during each day of operation of the loading rack, the proper valve sequencing, cycle time, gasoline flow, purge air flow, and operating temperatures. Verification shall be through visual observation or through an automated alarm or shutdown system that monitors and records system operation.

(iii) The owner or operator shall perform semi-annual preventive maintenance inspections of the carbon adsorption system according to the recommendations of the manufacturer of the system.

(iv) The monitoring plan developed under paragraph (2) of this section shall specify conditions that would be considered malfunctions of the carbon adsorption system during the inspections or automated monitoring performed under paragraphs (b)(1)(i)(B)(2)(i) through (iii) of this section, describe specific corrective actions that will be taken to correct any malfunction, and define what the owner or operator would consider to be a timely repair for each potential malfunction.

(v) The owner or operator shall document the maximum vacuum level observed on each carbon bed from each daily inspection and the maximum VOC concentration observed from each carbon bed on each monthly inspection as well as any system malfunction, as defined in the monitoring and inspection plan, and any activation of the automated alarm or shutdown system with a written entry into a log book or other permanent form of record. Such record shall also include a description of the corrective action taken and whether such corrective actions were taken in a timely manner, as defined in the monitoring and inspection plan, as well as an estimate of the amount of gasoline loaded during the period of the malfunction.

(ii) Where a refrigeration condenser system is used, a continuous parameter monitoring system (CPMS) capable of measuring temperature shall be installed immediately downstream from the outlet to the condenser section. Alternatively, a CEMS capable of measuring organic compound concentration may be installed in the exhaust air stream.

(iii) Where a thermal oxidation system other than a flare is used, the owner or operator shall monitor the operation of the system as specified in paragraphs (b)(1)(iii)(A) or (B) of this section.

(A) A CPMS capable of measuring temperature shall be installed in the firebox or in the ductwork immediately downstream from the firebox in a position before any substantial heat exchange occurs.

(B) As an alternative to paragraph (b)(1)(iii)(A) of this section, you may choose to meet the requirements listed in paragraphs (b)(1)(iii)(B)(1) and (2) of this section.

(1) The presence of a thermal oxidation system pilot flame shall be monitored using a heat-sensing device, such as an ultraviolet beam sensor or a thermocouple, installed in proximity to the pilot light to indicate the presence of a flame.

(2) Develop and submit to the Administrator a monitoring and inspection plan that describes the owner or operator's approach for meeting the requirements in paragraphs (b)(1)(iii)(B)(2)(i) through (v) of this section.

(i) The thermal oxidation system shall be equipped to automatically prevent gasoline loading operations from beginning at any time that the pilot flame is absent.

(ii) The owner or operator shall verify, during each day of operation of the loading rack, the proper operation of the assist-air blower, the vapor line valve, and the emergency shutdown system. Verification shall be through visual observation or through an automated alarm or shutdown system that monitors and records system operation.

(iii) The owner or operator shall perform semi-annual preventive maintenance inspections of the thermal oxidation system according to the recommendations of the manufacturer of the system.

(iv) The monitoring plan developed under paragraph (2) of this section shall specify conditions that would be considered malfunctions of the thermal oxidation system during the inspections or automated monitoring performed under paragraphs (b)(1)(iii)(B)(2)(ii) and (iii) of this section, describe specific corrective actions that will be taken to correct any malfunction, and define what the owner or operator would consider to be a timely repair for each potential malfunction.

(v) The owner or operator shall document any system malfunction, as defined in the monitoring and inspection plan, and any activation of the automated alarm or shutdown system with a written entry into a log book or other permanent form of record. Such record shall also include a description of the corrective action taken and whether such corrective actions were

**SECTION D. Source Level Requirements**

taken in a timely manner, as defined in the monitoring and inspection plan, as well as an estimate of the amount of gasoline loaded during the period of the malfunction.

(iv) Monitoring an alternative operating parameter or a parameter of a vapor processing system other than those listed in paragraphs (b)(1)(i) through (iii) of this section will be allowed upon demonstrating to the Administrator's satisfaction that the alternative parameter demonstrates continuous compliance with the emission standard in Sec. 63.11088(a).

(2) Where a flare meeting the requirements in Sec. 63.11(b) is used, a heat-sensing device, such as an ultraviolet beam sensor or a thermocouple, must be installed in proximity to the pilot light to indicate the presence of a flame.

(3) Determine an operating parameter value based on the parameter data monitored during the performance test, supplemented by engineering assessments and the manufacturer's recommendations.

(4) Provide for the Administrator's approval the rationale for the selected operating parameter value, monitoring frequency, and averaging time, including data and calculations used to develop the value and a description of why the value, monitoring frequency, and averaging time demonstrate continuous compliance with the emission standard in Sec. 63.11088(a).

(5) If you have chosen to comply with the performance testing alternatives provided under paragraph (a)(2) or paragraph (a)(3) of this section, the monitored operating parameter value may be determined according to the provisions in paragraph (b)(5)(i) or paragraph (b)(5)(ii) of this section.

(i) Monitor an operating parameter that has been approved by the Administrator and is specified in your facility's current enforceable operating permit. At the time that the Administrator requires a new performance test, you must determine the monitored operating parameter value according to the requirements specified in paragraph (b) of this section.

(ii) Determine an operating parameter value based on engineering assessment and the manufacturer's recommendation and submit the information specified in paragraph (b)(4) of this section for approval by the Administrator. At the time that the Administrator requires a new performance test, you must determine the monitored operating parameter value according to the requirements specified in paragraph (b) of this section.

(c) For performance tests performed after the initial test required under paragraph (a) of this section, the owner or operator shall document the reasons for any change in the operating parameter value since the previous performance test.

(d) Each owner or operator of a bulk gasoline terminal subject to the provisions of this subpart shall comply with the requirements in paragraphs (d)(1) through (4) of this section.

(1) Operate the vapor processing system in a manner not to exceed or not to go below, as appropriate, the operating parameter value for the parameters described in paragraph (b)(1) of this section.

(2) In cases where an alternative parameter pursuant to paragraph (b)(1)(iv) or paragraph (b)(5)(i) of this section is approved, each owner or operator shall operate the vapor processing system in a manner not to exceed or not to go below, as appropriate, the alternative operating parameter value.

(3) Operation of the vapor processing system in a manner exceeding or going below the operating parameter value, as appropriate, shall constitute a violation of the emission standard in Sec. 63.11088(a), except as specified in paragraph (d)(4) of this section.

(4) For the monitoring and inspection, as required under paragraphs (b)(1)(i)(B)(2) and (b)(1)(iii)(B)(2) of this section, malfunctions that are discovered shall not constitute a violation of the emission standard in Sec. 63.11088(a) if corrective actions as described in the monitoring and inspection plan are followed. The owner or operator must:

(i) Initiate corrective action to determine the cause of the problem within 1 hour;

(ii) Initiate corrective action to fix the problem within 24 hours;

(iii) Complete all corrective actions needed to fix the problem as soon as practicable consistent with good air pollution control practices for minimizing emissions;

(iv) Minimize periods of start-up, shutdown, or malfunction; and

(v) Take any necessary corrective actions to restore normal operation and prevent the recurrence of the cause of the problem.

(e) Each owner or operator subject to the emission standard in §63.11087 for gasoline storage tanks shall comply with the requirements in paragraphs (e)(1) through (3) of this section.

(1) If your gasoline storage tank is equipped with an internal floating roof, you must perform inspections of the floating roof system according to the requirements of §60.113b(a) if you are complying with option 2(b) in Table 1 to this subpart, or according to the requirements of §63.1063(c)(1) if you are complying with option 2(d) in Table 1 to this subpart.

(2) If your gasoline storage tank is equipped with an external floating roof, you must perform inspections of the floating roof system according to the requirements of §60.113b(b) if you are complying with option 2(c) in Table 1 to this subpart, or according to the requirements of §63.1063(c)(2) if you are complying with option 2(d) in Table 1 to this subpart.

**SECTION D. Source Level Requirements**

(3) If your gasoline storage tank is equipped with a closed vent system and control device, you must conduct a performance test and determine a monitored operating parameter value in accordance with the requirements in paragraphs (a) through (d) of this section, except that the applicable level of control specified in paragraph (a)(2) of this section shall be a 95-percent reduction in inlet total organic compounds (TOC) levels rather than 80 mg/l of gasoline loaded.

(f) NA.

(g) Conduct of performance tests. Performance tests conducted for this subpart shall be conducted under such conditions as the Administrator specifies to the owner or operator, based on representative performance (i.e., performance based on normal operating conditions) of the affected source. Upon request, the owner or operator shall make available to the Administrator such records as may be necessary to determine the conditions of performance tests.

[73 FR 1933, Jan. 10, 2008, as amended at 73 FR 12276, Mar. 7, 2008; 76 FR 4177, Jan. 24, 2011]

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

The portable meter shall be calibrated as accurate prior to each leak test on a semi-annual basis (once every 6 months).

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

(a) To verify compliance with SECTION D - Source Level Requirements, Condition #001, the permittee shall conduct a test of the emissions from the Vapor Recovery Unit (VRU) during truck loading within the term of this permit. The emission tests shall occur on the following schedule:

(1) An emission test shall be performed no less than one year prior to the expiration of this permit.

(b) The permittee shall notify the Department within thirty (30) days of the date(s) upon which the test will occur, to provide the Department with sufficient time to provide an observer(s) if it is deemed necessary. If the permittee is unable to provide prior notice of a test, written justification for this shall be provided within thirty (30) days following the date(s) the test occurred.

(c) All emission testing done in accordance with paragraph (a) of this section shall be done in accordance with the Reference Test Methods cited in 25 Pa. Code, Sections 139.14(b)(3) and 139.4(5). Emissions shall be determined over a testing period of no less than six (6) hours.

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

(a) Pursuant to 25 Pa. Code § 139.3 to at least 45 calendar days prior to commencing an emissions testing program, a test protocol shall be submitted to the Department for review and approval. The test protocol shall meet all applicable requirements specified in the most current version of the Departments Source Testing Manual.

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

(c) Pursuant to 25 Pa. Code Section 139.53(a)(3) within 15 calendar days after completion of the on-site testing portion of an emission test program, if a complete test report has not yet been submitted, an electronic mail notification shall be sent to the Departments Division of Source Testing and Monitoring indicating the completion date of the on-site testing.

(d) Pursuant to 40 CFR Part 60.8(a), 40 CFR Part 61.13(f) and 40 CFR Part 63.7(g) a complete test reports shall be

**SECTION D. Source Level Requirements**

submitted to the Department no later than 60 calendar days after completion of the on-site testing portion of an emission test program. For those tests being conducted pursuant to 40 CFR Part 61, the, a complete test report shall be submitted within 31 days after completion of the test

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

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

(f) Pursuant to 25 Pa. Code § 139.3 to all submittals shall meet all applicable requirements specified in the most current version of the Departments Source Testing Manual.

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

(h) Pursuant to 25 Pa. Code Section 139.53(a)(1) and 139.53(a)(3) all submittals, besides notifications, shall be accomplished through PSIMS*Online available through <https://www.depgreenport.state.pa.us/ecommm/Login.jsp> when it becomes available. If internet submittal can not be accomplished, three copies of the submittal shall be sent to the Pennsylvania Department of Environmental Protection, Bureau of Air Quality, Division of Source Testing and Monitoring, 400 Market Street, 12th Floor Rachael Carson State Office Building, Harrisburg, PA 17105-8468 with deadlines verified through document postmarks.

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

011 [25 Pa. Code §139.14]**Emissions of VOCs.**

The following are applicable to tests for determining the emissions of VOCs:

- (a) Test methods for VOC emissions shall use a technique having at least a 95% collection efficiency for VOCs.
- (b) Except for those sources or systems specified in this subsection, the test methods and procedures and equipment for VOCs, excluding carbon dioxide, carbon monoxide and methane shall be equivalent to those specified in EPA Method 25 or as specified in 139.4(5). The owner or operator of a source may exclude ethane from the VOC measurement. If ethane is excluded, the measurement of ethane shall be reported separately.
- (c) For gasoline vapor recovery systems, test methods and procedures and equipment for VOCs shall be equivalent to those specified in EPA Method 25B or as specified in the DEP Source Testing Manual, including future revisions as noted in 25 Pa. Code, Section 139.5(b) (relating to revisions to the source testing manual and continuous source monitoring manual).
- (d) For determining the VOC leak tightness of truck tanks, test methods and procedures shall be equivalent to those specified in EPA Method 27 or as specified in the DEP Source Testing Manual, including future revisions as noted in 25 Pa. Code, Section 139.5(b) (relating to revisions to the source testing manual and continuous source monitoring manual).
- (e) For determining the magnitude of VOC leaks from gasoline tank trucks and vapor collection systems, test methods and procedures shall be equivalent to those specified in EPA Method 21 or as specified in the DEP Source Testing Manual,

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including future revisions as noted in 25 Pa. Code, Section 139.5(b) (relating to revisions to the source testing manual and continuous source monitoring manual).

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

(a) The permittee shall, on a monthly basis, conduct routine vapor leakage inspections of the loading rack and Vapor Recovery Unit (VRU) as required by SECTION C - Condition #007.

(b) The permittee shall conduct a periodic preventive maintenance inspection, performed by a certified vapor recovery technician on a semi-annual basis (once every six months).

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

The operating temperature of the Vapor Recovery Unit (VRU) shall be continuously measured and recorded.

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

The permittee shall conduct regular checks of gasoline tank trucks being loaded. These checks shall consist of a visual inspection of the truck for the certification sticker.

015 [25 Pa. Code §129.62]**General standards for bulk gasoline terminals/plants, and small gasoline storage tanks**

The permittee shall monitor the concentration of flammable gases around potential leak sources to determine compliance with the Lower Explosive Limit (LEL). Such monitoring shall be done on a semi-annual basis, using a portable meter during gasoline loading operations.

016 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.502]**Subpart XX - Standards of Performance for Bulk Gasoline Terminals****Standard for Volatile Organic Compound (VOC) emissions from bulk gasoline terminals.**

Each calendar month, the vapor collection system, the vapor processing system, and each loading rack handling gasoline shall be inspected during the loading of gasoline tank trucks for total organic compounds liquid or vapor leaks. For purposes of this paragraph, detection methods incorporating sight, sound, or smell are acceptable. Each detection of a leak shall be recorded and the source of the leak repaired within 15 calendar days after it is detected.

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

The permittee shall compile and maintain a log of all Vapor Recovery Unit (VRU) inspections. This log shall be updated daily and shall be maintained in accordance with the provisions of SECTION B, General Requirement #020.

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

(a) The permittee shall maintain a record of the amount of gasoline and distillate throughput, in gallons, through the loading rack. This record shall be updated on a monthly basis and a record of compliance with the annual VOC emission limitation

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shall be maintained on a 12-month rolling sum basis. The emission record shall be updated monthly and completed within 30 days of the end of the previous month.

(b) The permittee shall maintain on site a record of the latest Department approved stack test results for both the VDU and VRU to demonstrate compliance with the emission restrictions specified in SECTION D - Source ID 101, Condition #001(a) and (b) respectively.

019 [25 Pa. Code §129.62]**General standards for bulk gasoline terminals/plants, and small gasoline storage tanks**

(a) The permittee shall maintain a log of all instances in which uncertified or certification-expired gasoline tank trucks entered the facility with the intent to load gasoline. Each such incident shall be clearly identified.

(b) The permittee shall maintain a log of all instances of unusual occurrences, deviations or exceedances of the Lower Explosive Limit, monitored in accordance with SECTION D - Condition #012. Each such incident shall be clearly identified.

020 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.505]**Subpart XX - Standards of Performance for Bulk Gasoline Terminals Reporting and recordkeeping.**

(a) The tank truck vapor tightness documentation required under 60.502(e)(1) shall be kept on file at the terminal in a permanent form available for inspection.

(b) The documentation file for each gasoline tank truck shall be updated at least once per year to reflect current test results as determined by Method 27. This documentation shall include, as a minimum, the following information:

- (1) Test title: Gasoline Delivery Tank Pressure Test-EPA Reference Method 27.
- (2) Tank owner and address.
- (3) Tank identification number.
- (4) Testing location.
- (5) Date of test.
- (6) Tester name and signature.
- (7) Witnessing inspector, if any: Name, signature, and affiliation.
- (8) Test results: Actual pressure change in 5 minutes, mm of water (average for 2 runs).

(c) A record of each monthly leak inspection required under 60.502(j) shall be kept on file at the terminal for at least 2 years. Inspection records shall include, as a minimum, the following information:

- (1) Date of inspection.
- (2) Findings (may indicate no leaks discovered; or location, nature, and severity of each leak).
- (3) Leak determination method.
- (4) Corrective action (date each leak repaired; reasons for any repair interval in excess of 15 days).
- (5) Inspector name and signature.

(d) The terminal owner or operator shall keep documentation of all notifications required under 60.502(e)(4) on file at the terminal for at least 2 years.

(e) The owner or operator of an affected facility shall keep records of all replacements or additions of components performed on an existing vapor processing system for at least 3 years.

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

(a) The permittee shall observe the following reporting requirements to demonstrate compliance with the emission

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limitation specified in SECTION D - Source ID 101, Condition #001(c).

(1) At the end of each calendar year, the permittee shall submit an Annual Emissions Report demonstrating compliance with the elective emission restriction specified in SECTION D - Source 101, Condition #001(c).

(2) The report shall specify the emissions of VOCs in units of tons for each of the twelve (12) consecutive 12-Month periods that ended during the calendar year.

(3) For each Annual Emissions Report, the permittee shall determine stack and fugitive losses of VOCs using the following methods.

(i) The actual emissions of VOCs from the gasoline truck loading rack shall be determined using the latest VCU stack test data, daily throughput rates, and an assumed vapor-tightness loss rate of 9 mg/liter from the loaded trucks.

(ii) Should more accurate emission factors be developed during the term of this Operating Permit, the permittee shall implement these factors, provided that these emission factors are agreeable to both the Department and the permittee.

(4) The permittee shall submit this Annual Emissions Report to the Department postmarked by March 1 of each year.

(5) This report can be included with any other report required by this permit.

022 [25 Pa. Code §127.442]**Reporting requirements.**

(a) A report of all cases in which uncertified or certification-expired gasoline tank trucks entered the facility with the intent to load gasoline shall be compiled and reported to the Department on a semi-annual basis.

(b) A report of all unusual occurrences, deviations and exceedances of the lower explosive limit (LEL) shall be compiled and reported to the Department on a semi-annual basis (once every six months).

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

The permittee shall maintain and operate the air pollution control equipment and sources in accordance with good engineering practice.

024 [25 Pa. Code §129.59]**Bulk gasoline terminals**

The permittee may not cause or permit the loading of gasoline into a vehicular tank from a bulk gasoline terminal unless the gasoline loading racks are equipped with a loading arm with a vapor collection adaptor and pneumatic, hydraulic or other mechanical means to force a vapor-tight seal between the adaptor and the hatch of the tank. A means shall be provided to prevent gasoline drainage from the loading device when it is not connected to the hatch, and to accomplish complete drainage before the removal. When loading is effected through means other than hatches, loading and vapor lines shall be equipped with fittings which make vapor tight connections and which will be closed upon disconnection.

025 [25 Pa. Code §129.62]**General standards for bulk gasoline terminals/plants, and small gasoline storage tanks**

(a) The permittee shall not permit the transfer of gasoline between the tank truck or trailer and a stationary storage tank unless the following conditions are met:

(1) The vapor balance system is in good working order and is designed and operated in a manner that prevents:

(i) Gauge pressure from exceeding 18 inches of H₂O (4500 pascals) and vacuum from exceeding 6 inches of water (1500 pascals) in the gasoline tank truck.

(ii) A reading equal to or greater than 100% of the lower explosive limit--LEL, measured as propane--at 1 inch from points on the perimeter of a potential leak source when measured by the method referenced in 139.14 (relating to emissions of volatile organic compounds) during loading or unloading operations.

(iii) Avoidable liquid leaks during loading or unloading operations.

(2) A truck, vapor balance system or vapor disposal system, if applicable, that exceeds the limits in paragraph (1) is repaired and retested within 15 days.

**SECTION D. Source Level Requirements**

(3) There are no visually- or audibly-detectable leaks in the tank truck's or trailer's pressure/vacuum relief valves and hatch covers, the truck tanks or storage tanks, or associated vapor and liquid lines during loading or unloading.

(4) The pressure and vacuum relief valves on storage vessels and tank trucks or trailers are set to release at no less than .7 psig (4.8 kilopascals) of pressure or .3 psig (2.1 kilopascals) of vacuum or the highest allowable pressure and vacuum as specified in State or local fire codes, the National Fire Prevention Association guidelines or other National consensus standards acceptable to the Department.

(b) A person may not allow a gasoline tank truck to be filled or emptied in Pennsylvania unless the gasoline tank truck:

(1) Has been tested by the owner or operator within the immediately preceding 12 months in accordance with 139.14.

(2) Sustains a pressure change of no more than 750 pascals (3 inches of H₂O) in 5 minutes when pressurized to a gauge pressure of 18 inches of H₂O (4,500 pascals) or evacuated to a gauge pressure of 6 inches of H₂O (1,500 pascals) during the testing required in paragraph (1).

(3) Is repaired by the owner or operator and retested within 15 days of testing if it does not meet the criteria in paragraph (2).

(4) Displays a clear marking near the Department of Transportation Certification plate required by 49 CFR 178.340-10b (relating to certification), which shows the most recent date upon which the gasoline tank truck passed the test required in this subsection.

026 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.502]

Subpart XX - Standards of Performance for Bulk Gasoline Terminals

Standard for Volatile Organic Compound (VOC) emissions from bulk gasoline terminals.

The permittee shall comply with the requirements of this section:

(a) Each vapor collection system shall be designed to prevent any total organic compounds vapors collected at one loading rack from passing to another loading rack.

(b) Loadings of liquid product into gasoline tank trucks shall be limited to vapor-tight gasoline tank trucks using the following procedures:

(1) The owner or operator shall obtain the vapor tightness documentation described in 60.505(b) for each gasoline tank truck which is to be loaded at the affected facility.

(2) The owner or operator shall require the tank identification number to be recorded as each gasoline tank truck is loaded at the affected facility.

(3) The owner or operator shall cross-check each tank identification number obtained in paragraph (b)(2) of this section with the file of tank vapor tightness documentation within 2 weeks after the corresponding tank is loaded.

(4) The terminal owner or operator shall notify the owner or operator of each nonvapor-tight gasoline tank truck loaded at the affected facility within 3 weeks after the loading has occurred.

(5) The terminal owner or operator shall take steps assuring that the nonvapor-tight gasoline tank truck will not be reloaded at the affected facility until vapor tightness documentation for that tank is obtained.

(6) Alternate procedures to those described in paragraphs (b)(1) through (5) of this section for limiting gasoline tank truck loadings may be used upon application to, and approval by, the Administrator.

(c) The permittee shall act to assure that loadings of gasoline tank trucks at the affected facility are made only into tanks equipped with vapor collection equipment that is compatible with the terminal's vapor collection system.

(d) The permittee shall act to assure that the terminal's and the tank truck's vapor collection systems are connected during each loading of a gasoline tank truck at the affected facility. Examples of actions to accomplish this include training drivers in the hookup procedures and posting visible reminder signs at the affected loading racks.

(e) The vapor collection and liquid loading equipment shall be designed and operated to prevent gauge pressure in the delivery tank from exceeding 4,500 pascals (450 mm of water) during product loading. This level is not to be exceeded when measured by the procedures specified in 40 CFR Subpart XX 60.503(d).

(f) No pressure-vacuum vent in the bulk gasoline terminal's vapor collection system shall begin to open at a system pressure less than 4,500 pascals (450 mm of water).



SECTION D. Source Level Requirements

VII. ADDITIONAL REQUIREMENTS.

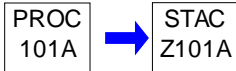
No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**SECTION D. Source Level Requirements**

Source ID: 101A

Source Name: DISTILLATE FUEL TRUCK LOADING RACK

Source Capacity/Throughput: 40,000.000 Gal/HR DISTILLATE

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

**SECTION D. Source Level Requirements**

Source ID: 102

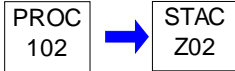
Source Name: TANK 2 (INTERNAL FLOATING ROOF)

Source Capacity/Throughput:

N/A

TRANSMIX

Conditions for this source occur in the following groups: GROUP 01

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

**SECTION D. Source Level Requirements**

Source ID: 103

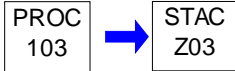
Source Name: TANK 3 (INTERNAL FLOATING ROOF)

Source Capacity/Throughput:

N/A

TRANSMIX

Conditions for this source occur in the following groups: GROUP 01

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

**SECTION D. Source Level Requirements**

Source ID: 105

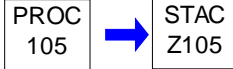
Source Name: TANK 105 (INTERNAL FLOATING ROOF)

Source Capacity/Throughput:

N/A

GASOLINE

Conditions for this source occur in the following groups: GROUP 01

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

**SECTION D. Source Level Requirements**

Source ID: 106

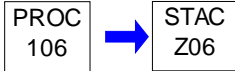
Source Name: TANK 6 (INTERNAL FLOATING ROOF)

Source Capacity/Throughput:

N/A

GASOLINE

Conditions for this source occur in the following groups: GROUP 01

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

**SECTION D. Source Level Requirements**

Source ID: 115

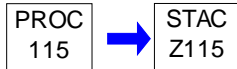
Source Name: TANK 15 (INTERNAL FLOATING ROOF)

Source Capacity/Throughput:

N/A

GASOLINE

Conditions for this source occur in the following groups: GROUP 01

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

**SECTION D. Source Level Requirements**

Source ID: 117

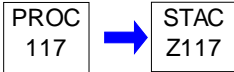
Source Name: TANK 17 - 201,582 GALLON ETHANOL - GP2

Source Capacity/Throughput:

N/A

ETHANOL

Conditions for this source occur in the following groups: GROUP 01
GROUP 03

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

**SECTION D. Source Level Requirements**

Source ID: 119

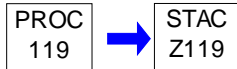
Source Name: TANK 19 (INTERNAL FLOATING ROOF)

Source Capacity/Throughput:

N/A

DISTILLATE

Conditions for this source occur in the following groups: GROUP 01

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

**SECTION D. Source Level Requirements**

Source ID: 120

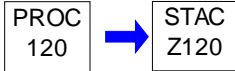
Source Name: TANK 20 (FIXED ROOF)

Source Capacity/Throughput:

N/A

DISTILLATE

Conditions for this source occur in the following groups: GROUP 02

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

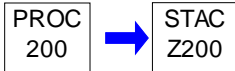
**SECTION D. Source Level Requirements**

Source ID: 200

Source Name: PUMP, VALVE & FLANGE VOC LOSSES

Source Capacity/Throughput:

N/A

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

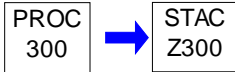
**SECTION D. Source Level Requirements**

Source ID: 300

Source Name: OIL/WATER SEPARATOR TANK (HORZ FIXD RF)

Source Capacity/Throughput:

Conditions for this source occur in the following groups: GROUP 02

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

**SECTION E. Source Group Restrictions.**

Group Name: GROUP 01

Group Description: INTERNAL FLOATING ROOFS - GASOLINE STORAGE

Sources included in this group

ID	Name
102	TANK 2 (INTERNAL FLOATING ROOF)
103	TANK 3 (INTERNAL FLOATING ROOF)
105	TANK 105 (INTERNAL FLOATING ROOF)
106	TANK 6 (INTERNAL FLOATING ROOF)
115	TANK 15 (INTERNAL FLOATING ROOF)
117	TANK 17 - 201,582 GALLON ETHANOL - GP2
119	TANK 19 (INTERNAL FLOATING ROOF)

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

001 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63 Subpart BBBB Table 1]

Subpart BBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities**- Applicability Criteria, Emission Limits, and Management Practices for Storage Tanks**

(40 CFR Part 63 is being incorporated into this permit through Pa Code, Title 25, Section 127.463 --- Operating Permit Revisions to Incorporate Applicable Standards)

If you own or operate

Then you must

-
1. A gasoline storage tank with a capacity of less than 75 cubic meters (m³). Equip each gasoline storage tank with a fixed roof that is mounted to the storage tank in a stationary manner, and maintain all openings in a closed position at all times when not in use.
 2. A gasoline storage tank with a capacity of greater than or equal to 75 m³.
 - (a) Reduce emissions of total organic HAP or TOC by 95 weight-percent with a closed vent system and control device as specified in Sec. 60.112b(a)(3) of this chapter; or
 - (b) Equip each internal floating roof gasoline storage tank according to the requirements in Sec. 60.112b(a)(1) of this chapter, except for the secondary seal requirements under Sec. 60.112b(a)(1)(ii)(B) and the requirements in Sec. 60.112b(a)(1)(iv) through (ix) of this chapter; and
 - (c) Equip each external floating roof gasoline storage tank according to the requirements in Sec. 60.112b(a)(2) of this chapter, except that the requirements of Sec. 60.112b(a)(2)(ii) of this chapter shall only be required if such storage tank does not currently meet the requirements of Sec. 60.112b(a)(2)(i) of this chapter; or
 - (d) Equip and operate each internal and external floating roof gasoline storage tank according to the applicable requirements in Sec. 63.1063(a)(1) and (b), and equip each external floating roof gasoline storage tank according to the requirements of Sec.

**SECTION E. Source Group Restrictions.**

63.1063(a)(2) if such storage tank does not currently meet the requirements of Sec. 63.1063(a)(1).

002 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11092]**Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What testing and monitoring requirements must I meet?**

(40 CFR Part 63 is being incorporated into this permit through Pa Code, Title 25, Section 127.463 --- Operating Permit Revisions to Incorporate Applicable Standards)

(a) Each owner or operator subject to the emission standard in Sec. 63.11087 for gasoline storage tanks shall comply with the requirements in paragraphs (e)(1) through (3) of this section.

(1) If your gasoline storage tank is equipped with an internal floating roof, you must perform inspections of the floating roof system according to the requirements of Sec. 60.113b(a) if you are complying with option 2(b) in Table 1 to this subpart, or according to the requirements of Sec. 63.1063(c)(1) if you are complying with option 2(d) in Table 1 to this subpart.

(2) If your gasoline storage tank is equipped with an external floating roof, you must perform inspections of the floating roof system according to the requirements of Sec. 60.113b(b) if you are complying with option 2(c) in Table 1 to this subpart, or according to the requirements of Sec. 63.1063(c)(2) if you are complying with option 2(d) in Table 1 to this subpart.

(3) If your gasoline storage tank is equipped with a closed vent system and control device, you must conduct a performance test and determine a monitored operating parameter value in accordance with the requirements in paragraphs (a) through (d) of this section, except that the applicable level of control specified in paragraph (a)(2) of this section shall be a 95-percent reduction in inlet total organic compounds (TOC) levels rather than 80 mg/l of gasoline loaded.

II. TESTING REQUIREMENTS.

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

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

(a) The permittee shall perform routine inspections annually in accordance with Section 129.56(f)(1), and insure compliance with the following:

- (1) There are no holes, tears, or other openings in the seal or any seal fabric or material.
- (2) Openings except stub drains are equipped with covers, lids or seals such that:
 - (i) The cover, lid or seal is in the closed position at all times except when in actual use.
 - (ii) Automatic bleeder vents are closed at all times except when the roof is floated off or landed on the roof leg supports.
 - (iii) Rim vents, if provided are set to open when the roof is being floated off the roof leg supports or at the recommended setting of the manufacturer.

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

For a petroleum liquid storage vessel with a floating roof subject to 25 Pa. Code, Section 129.56(f)(3), the permittee shall maintain records of the types of volatile petroleum liquids stored, the maximum true vapor pressure of the liquid as stored, and the results of the inspections performed be maintained in accordance with Section B, General Requirement #020.

**SECTION E. Source Group Restrictions.****V. REPORTING REQUIREMENTS.****# 005 [25 Pa. Code §129.56]****Storage tanks greater than 40,000 gallons capacity containing VOCs**

(a) The permittee shall compile a report of each annual inspection of the internal floating roofs, as required by Section E, Source Group 1, Condition #003. Each such report shall contain, but not be limited to, the following information:

- (1) The date on which the inspection took place;
- (2) The name of the product being stored in the tank at the time of the inspection;
- (3) The number of holes, tears, or other openings found in the tank seals during the inspection;
- (4) Whether or not the floating roof is resting atop the stored product; and
- (5) Whether or not any of the stored product is visible on the surface of the floating roof.

(b) The permittee shall retain copies of each annual inspection report generated in accordance with paragraph (a) above.

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

(a) The permittee may not store any volatile organic compounds with a vapor pressure greater than 1.5 psia (10.5 kilopascals) under actual storage conditions unless such tank is capable of maintaining working pressures sufficient at all times to prevent vapor or gas loss to the atmosphere or is designed and equipped with one of the following vapor loss control devices:

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

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

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

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

(c) For volatile organic compounds whose storage temperature is governed by ambient weather conditions, the vapor pressure under actual storage conditions shall be determined using a temperature which is representative of the average storage temperature for the hottest month of the year in which such storage takes place.

VII. ADDITIONAL REQUIREMENTS.

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

**SECTION E. Source Group Restrictions.**

Group Name: GROUP 02

Group Description: FIXED ROOF TANKS - DISTILLATE STORAGE

Sources included in this group

ID	Name
120	TANK 20 (FIXED ROOF)
300	OIL/WATER SEPARATOR TANK (HORZ FIXD RF)

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

- (1) If at any time the permittee causes, permits or allows any modification (as that term is defined in Chapter 121 of Title 25, the Rules and Regulations of the Department of Environmental Protection) of the aforementioned air contamination source(s), the operation and use of which is authorized by this permit, or causes, permits or allows any modifications, malfunctions or removal of any air pollution control device required as a condition of this permit, then in that event, this permit shall be suspended, and the permittee shall not thereafter continue to operate or use said air contamination source(s).
- (2) The aforementioned source(s) may be operated and used only so long as any associated air pollution control devices are operated and maintained in accordance with the specifications set forth in the respective permit, and the application(s) submitted for said permit (as approved by the Department), and in accordance with any conditions set forth herein.
- (3) The internal floating roof associated with this storage tank is required to be maintained in good condition and in compliance with the applicable requirements of Section 129.56 of Chapter 129 of the Rules and Regulations of the Department of Environmental Protection.
- (4) The company shall perform routine inspections annually in order to insure compliance with Section 129.56(c) of Chapter 129 of the Rules and Regulations of the Department of Environmental Protection.
- (5) The company shall maintain records of the types of volatile petroleum liquids stored, the maximum true vapor pressure of the liquid as stored, and the results or the inspections performed under Section E, Source Group 2, Condition #002 of this Operating Permit. Copies of all such records shall be retained by the company for a period of five years after the date on which the record was made and shall be made available to the Department upon request.
- (6) The company, within one (1) hour of occurrence, shall notify the Department, at (610) 861-2070, of any malfunction of the source(s) or associated air cleaning device(s) which results in, or may possibly be resulting in, the emission of air contaminants in excess of the limitations specified in, or established pursuant to, any applicable rule or regulation contained in Article III of the Rules and Regulations of the Department of Environmental Protection. A written report shall be submitted to the Department within five (5) working days following the incident describing the malfunctions and corrective actions taken.
- (7) The company shall not impose conditions upon or otherwise restrict the Department's access to the aforementioned source(s) and /or any associated air cleaning device(s) and shall allow the Department to have access at any time to said source(s) and associated air cleaning device(s) with such measuring and recording equipment, including equipment recording visual observations, as the Department deems necessary and proper for performing its duties and for the effective enforcement of the Air Pollution Control Act.

II. TESTING REQUIREMENTS.

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

**SECTION E. Source Group Restrictions.****III. MONITORING REQUIREMENTS.****# 002 [25 Pa. Code §129.56]****Storage tanks greater than 40,000 gallons capacity containing VOCs**

The permittee shall perform routine inspections of the Fixed Roof Tanks annually in order to insure compliance with SECTION E, Source Group 02, Condition #005. The inspection shall include a visual inspection of the tank seals made through the roof hatch of the storage tank.

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

The permittee shall maintain records of the results of the inspections performed as required under SECTION E, Source Group 02, Condition #002.

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

(a) The permittee shall compile a report of each annual inspection of the internal floating roofs. Each such report shall contain, but not be limited to, the following information:

- (1) The date on which the inspection took place;
- (2) The name of the product being stored in the tank at the time of the inspection;
- (3) The number of holes, tears, or other openings found in the tank seals during the inspection;
- (4) Whether or not the floating roof is resting atop the stored product;
- (5) Whether or not any of the stored product is visible on the surface of the floating roof.

(b) The permittee shall retain copies of each annual inspection report generated in accordance with paragraph (a) above.

VI. WORK PRACTICE REQUIREMENTS.**# 005 [25 Pa. Code §129.56]****Storage tanks greater than 40,000 gallons capacity containing VOCs**

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

- (1) An external or an internal floating roof. This control equipment may not be permitted if the volatile organic compounds have a vapor pressure of 11 psia (76 kilopascals) or greater under actual storage conditions.
- (2) Vapor recovery system. A vapor recovery system, consisting of a vapor gathering system capable of collecting the volatile organic compound vapors and gases discharged and a vapor disposal system capable of processing such volatile organic vapors and gases so as to prevent their emission to the atmosphere. Tank gauging and sampling devices shall be gas-tight except when gauging or sampling is taking place. The vapor recovery system shall be maintained in good working order and recover at least 80% of the vapors emitted by such tank.

(b) For volatile organic compounds whose storage temperature is governed by ambient weather conditions, the vapor pressure under actual storage conditions shall be determined using a temperature which is representative of the average storage temperature for the hottest month of the year in which the storage takes place.

006 Elective Restriction

The permittee may not store a petroleum liquid in any Fixed Roof Tank that, as stored, has a true vapor pressure equal to or greater than 10.3 kPa (1.5 psia).

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

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

**SECTION E. Source Group Restrictions.**

Group Name: GROUP 03

Group Description: TANK 117 - 201,582 GALLON ETHANOL - GP2 SUBJECT TO SUBPART Kb

Sources included in this group

ID	Name
117	TANK 17 - 201,582 GALLON ETHANOL - GP2

I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

**# 001 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.113b]
Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984
Testing and procedures.**

(40 CFR Part 60 is being incorporated into this permit through Pa Code, Title 25, Section 127.463 --- Operating Permit Revisions to Incorporate Applicable Standards)

The following procedures shall apply to these internal floating roof tanks:

(a) At least once every 12 months, the permittee shall visually inspect the internal floating roof and the primary seal or the secondary seal (if one is in service) through manholes and roof hatches on the fixed roof. If the internal floating roof is not resting on the surface of the Volatile Organic Liquid (VOL) inside the storage vessel, or there is liquid accumulated on the roof, or the seal is detached, or there are holes or tears in the seal fabric, the permittee shall repair the items or empty and remove the storage vessel from service within 45 days. If a failure that is detected during inspections required in this paragraph cannot be repaired within 45 days and if the vessel cannot be emptied within 45 days, a 30-day extension may be requested from the Department in the inspection report required in Source Group Level Condition #002(b). Such a request for an extension must document that alternate storage capacity is unavailable and specify a schedule of actions the company will take that will assure that the control equipment will be repaired or the vessel will be emptied as soon as possible.

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

(c) The permittee shall notify the Department and EPA Region III, in writing, at least 30 days prior to the refilling of this storage vessel, for which an inspection is required by paragraph (b) of this section to afford the opportunity to have an observer present. If the inspection required by paragraph (b) of this section is not planned and the permittee could not have known about the inspection 30 days in advance of refilling the tank, the permittee shall notify the Department at least 7 days prior to the refilling of this storage vessel. Notification shall be made by telephone, immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, this notification including the written documentation may be made in writing and sent by express mail so that it is received by the Department at least 7 days prior to the refilling.

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

(40 CFR Part 60 is being incorporated into this permit through Pa Code, Title 25, Section 127.463 --- Operating Permit Revisions to Incorporate Applicable Standards).

In addition to other requirements, recordkeeping for internal floating roof tanks shall also include the following:

- (a) The permittee shall keep a record of each inspection performed as required by Source Group 03 - Condition #001(a) & (b). Each record shall identify the storage vessel on which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment (seals, internal floating roof, and fittings).
- (b) If any of the conditions described in Source Group 03 - Condition #001(a) are detected during the annual visual inspection required by Source Group 03 - Condition #001, a report shall be furnished to the Department within 30 days of the inspection. Each report shall identify the storage vessel, the nature of the defects, and the date the storage vessel was emptied or the nature of and date the repair was made.
- (c) After each inspection required by Source Group 03 - Condition #001(b) that finds holes or tears in the seal or seal fabric, or defects in the internal floating roof, or other control equipment defects listed in Source Group 03 - Condition #001(b), a report shall be furnished to the Department within 30 days of the inspection. The report shall identify the storage vessel and the reason it did not meet the specifications of Source Group 03 - Condition #001(b) and list each repair made.

**# 003 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.116b]
Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984
Monitoring of operations.**

(40 CFR Part 60 is being incorporated into this permit through Pa Code, Title 25, Section 127.463 --- Operating Permit Revisions to Incorporate Applicable Standards).

- (a) The permittee shall keep readily accessible records showing the dimensions of each storage vessel and an analysis showing the capacities of each storage vessel. These records shall be maintained for the duration of the site.
- (b) The permittee shall maintain a record of the Volatile Organic Liquid (VOL) stored in this tank, the period of storage, and the maximum true vapor pressure of that VOL during the respective storage period.
- (c) The permittee shall notify the Department within 30 days when the maximum true vapor pressure of the liquid stored in this tank exceeds the respective maximum true vapor pressure values for each volume range.
- (d) Available data on the storage temperature may be used to determine the maximum true vapor pressure as determined below.
 - (1) For vessels operated above or below ambient temperatures, the maximum true vapor pressure is calculated based upon the highest expected calendar-month average of the storage temperature. For vessels operated at ambient temperatures, the maximum true vapor pressure is calculated based upon the maximum local monthly average ambient temperature as reported by the National Weather Service.
 - (2) For crude oil or refined petroleum products the vapor pressure may be obtained by the following:
 - (i) Available data on the Reid vapor pressure and the maximum expected storage temperature based on the highest expected calendar-month average temperature of the stored product may be used to determine the maximum true vapor pressure from nomographs contained in API Bulletin 2517 (incorporated by reference--see 40 CFR Part 60, Subpart 60.17), unless the Department specifically requests that the liquid be sampled, the actual storage temperature determined, and the Reid vapor pressure determined from the sample(s).
 - (ii) The true vapor pressure of each type of crude oil with a Reid vapor pressure less than 13.8 kPa or with physical properties that preclude determination by the recommended method is to be determined from available data and recorded

**SECTION E. Source Group Restrictions.**

if the estimated maximum true vapor pressure is greater than 3.5 kPa.

(3) For other liquids, the vapor pressure:

- (i) May be obtained from standard reference texts, or
- (ii) Determined by ASTM Method D2879-83 (incorporated by reference see 40 CFR Part 60, Subpart 60.17); or
- (iii) Measured by an appropriate method approved by the Department; or
- (iv) Calculated by an appropriate method approved by the Department.

V. REPORTING REQUIREMENTS.**# 004 [25 Pa. Code §127.442]****Reporting requirements.**

(a) These storage tanks are subject to Subpart Kb of the Standards of Performance for New Stationary Sources and shall comply with all applicable requirements of this Subpart. 40 CFR §60.4 requires submission of copies of all requests, reports, applications, submittals and other communications to both EPA and the Department. The EPA copies shall be forwarded to:

Director
Air Protection Division
US EPA, Region III
1650 Arch Street
Philadelphia, PA 19103-2029

(b) The permittee shall immediately notify the Department of any malfunction on these sources or any associated air pollution control device(s) which result in, or may possibly be resulting in, the emission of air contaminants in excess of the limitations specified in, or established pursuant to, any applicable rule or regulation contained in Article III of the Rules and Regulations of the Department of Environmental Protection.

(c) The permittee shall notify the Department and EPA, as appropriate, of changes in the products stored in a tank and describe how the change affects applicable requirements and how those applicable requirements are being met. In accordance with 25 Pa. Code, §127.14(c), this notice shall be provided 7 days prior to a change that involves no equipment changes or 15 days prior to a change that involves equipment changes.

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

These storage tanks and any associated air pollution control devices shall be:

- (a) Operated in such a manner as to not cause air pollution.
- (b) Operated and maintained in a manner consistent with good operating and maintenance practices.
- (c) Operated and maintained in accordance with the manufacturer's specifications and the applicable terms and conditions of this permit.

006 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.112b]**Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984 Standard for volatile organic compounds (VOC).**

(40 CFR Part 60 is being incorporated into this permit through Pa Code, Title 25, Section 127.463 --- Operating Permit Revisions to Incorporate Applicable Standards).

The permittee shall maintain on these storage vessels a fixed roof in combination with an internal floating roof meeting the following specifications:

- (a) The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a

**SECTION E. Source Group Restrictions.**

storage vessel that has a fixed roof. The internal floating roof shall be floating on the liquid surface at all times, except during initial fill and during those intervals when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible.

(b) The internal floating roof shall be equipped with the following closure device between the wall of the storage vessel and the edge of the internal floating roof:

(1) Two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the internal floating roof. The lower seal may be vapor-mounted, but both must be continuous.

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

(d) Each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains is to be equipped with a cover or lid which is to be maintained in a closed position at all times (i.e., no visible gap) except when the device is in actual use. The cover or lid shall be equipped with a gasket. Covers on each access hatch and automatic gauge float well shall be bolted except when they are in use.

(e) Automatic bleeder vents shall be equipped with a gasket and are to be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports.

(f) Rim space vents shall be equipped with a gasket and are to be set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting.

(g) Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The sample well shall have a slit fabric cover that covers at least 90 percent of the opening.

(h) Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasket sliding cover.

(i) Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasket sliding cover.

VII. ADDITIONAL REQUIREMENTS.

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

**SECTION F. Alternative Operation Requirements.**

No Alternative Operations exist for this State Only facility.

**SECTION G. Emission Restriction Summary.**

Source Id

Source Description

Site Emission Restriction Summary

Emission Limit		Pollutant
50.000 Tons/Yr	12-month rolling summation	VOC

**SECTION H. Miscellaneous.**

- (a) The Synthetic Minor Operating Permit application was received on November 2, 2023. The annual operating permit maintenance fee shall be submitted to the Department in accordance with 25 Pa. Code, Chapter 127, Section 127.703. The annual maintenance fees are due no later than December 31, annually.
- (b) This permit is a renewal of Operating Permit No. 40-00025 and includes conditions from Plan Approval No. 40-312-046 and 40-312-045GP2.
- (c) This is a Synthetic Minor Operating Permit facility.
- (d) The following is a list of sources that have been determined by the Department to be of minor significance under 25 Pa. Code, Chapter 127, Section 127.14(a)(8) and are not regulated in this State-Only Operating Permit. However, this determination does not exempt the sources from compliance with all applicable air quality regulations specified in 25 Pa. Code Chapters 121-143:
- (1) Heating oil tanks (2).
 - (2) Additive Tanks 1a, 14a, 18a, 19a. - RFD issued.
 - (3) Tanks 7 & 8 - Biodeisel Tanks.
 - (4) Tank 14 - Lubricity Additive Tank.
 - (5) Tank 16 - Winter Blend Tank.
 - (6) Tanks 19, 20. RFD #40-0791 approved 11/17/2011 for replacement of Tanks 12, 13. These tanks are permitted sources and are subject to the applicable requirements.
 - (7) Pentane unloading station - RFD #40-0863 approved 06/03/2014.
 - (8) Switched Tank 103 (Internal Floating Roof) product from distillate to transmix - RFD #10561



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