

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION AIR QUALITY PROGRAM

STATE ONLY SYNTHETIC MINOR OPERATING PERMIT

Issue Date: June 27, 2024 Effective Date: October 15, 2024

Expiration Date: October 15, 2029

39-00023

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: 39-00023

Synthetic Minor

Federal Tax Id - Plant Code: 90-0503262-1

Owner Information

Name: ALLENTOWN TERM DE LLC

Mailing Address: 900 S EISENHOWER BLVD

MIDDLETOWN, PA 17057-5503

Plant Information

Plant: ALLENTOWN TERM DE LLC/ALLENTOWN TERM

Location: 39 Lehigh County 39001 Allentown City

SIC Code: 5171 Wholesale Trade - Petroleum Bulk Stations And Terminals

Responsible Official

Name: PAUL SILER

Title: VICE PRESIDENT - ES&OH

Phone: (720) 425 - 9641 Email: psiler@lhtterminals.com

Permit Contact Person

Name: BEN LOGAN

Title: ENV COMPLIANCE SPECIALIST

Phone: (717) 695 - 1770 Email: blogan@lhtterminals.com

[Signature]

MARK J. WEJKSZNER, NORTHEAST REGION AIR PROGRAM MANAGER



SECTION A. Table of Contents

Section A. Facility/Source Identification

Table of Contents Site Inventory List

Section B. General State Only Requirements

- #001 Definitions.
- #002 Operating Permit Duration.
- #003 Permit Renewal.
- #004 Operating Permit Fees under Subchapter I.
- #005 Transfer of Operating Permits.
- #006 Inspection and Entry.
- #007 Compliance Requirements.
- #008 Need to Halt or Reduce Activity Not a Defense.
- #009 Duty to Provide Information.
- #010 Revising an Operating Permit for Cause.
- #011 Operating Permit Modifications
- #012 Severability Clause.
- #013 De Minimis Emission Increases.
- #014 Operational Flexibility.
- #015 Reactivation
- #016 Health Risk-based Emission Standards and Operating Practice Requirements.
- #017 Circumvention.
- #018 Reporting Requirements.
- #019 Sampling, Testing and Monitoring Procedures.
- #020 Recordkeeping.
- #021 Property Rights.
- #022 Alternative Operating Scenarios.
- #023 Reporting
- #024 Report Format

Section C. Site Level State Only Requirements

- C-I: Restrictions
- C-II: Testing Requirements
- C-III: Monitoring Requirements
- C-IV: Recordkeeping Requirements
- C-V: Reporting Requirements
- C-VI: Work Practice Standards
- C-VII: Additional Requirements
- C-VIII: Compliance Certification
- C-IX: Compliance Schedule

Section D. Source Level State Only Requirements

- D-I: Restrictions
- D-II: Testing Requirements
- D-III: Monitoring Requirements
- D-IV: Recordkeeping Requirements
- D-V: Reporting Requirements
- D-VI: Work Practice Standards
- D-VII: Additional Requirements

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

Section E. Source Group Restrictions

E-I: Restrictions



SECTION A. Table of Contents

E-II: Testing Requirements
E-III: Monitoring Requirements
E-IV: Recordkeeping Requirements
E-V: Reporting Requirements
E-VI: Work Practice Standards
E-VII: Additional Requirements

Section F. Alternative Operating Scenario(s)

F-I: Restrictions

F-II: Testing Requirements
F-III: Monitoring Requirements
F-IV: Recordkeeping Requirements
F-V: Reporting Requirements
F-VI: Work Practice Standards
F-VII: Additional Requirements

Section G. Emission Restriction Summary

Section H. Miscellaneous







SECTION A. Site Inventory List

Source	ID Source Name	Capacity/Throughput	Fuel/Material
101	TANK A-9	30,000.000 Gal/HR	OTHER
102	TANK A-10	30,000.000 Gal/HR	OTHER
103	TANK A-11	30,000.000 Gal/HR	OTHER
104	TANK A-12	30,000.000 Gal/HR	OTHER
105	TANK A-13	30,000.000 Gal/HR	OTHER
106	TANK A-14	30,000.000 Gal/HR	DIESEL
107	TANK A-15	30,000.000 Gal/HR	DIESEL
108	TANK A-16	30,000.000 Gal/HR	DIESEL
109	TANK A-17	30,000.000 Gal/HR	DIESEL
110	TANK A-18	30,000.000 Gal/HR	DIESEL
111	TANK A-21	30,000.000 Gal/HR	DIESEL
112	TANK A-22	30,000.000 Gal/HR	OTHER
113	TANK A-23	30,000.000 Gal/HR	OTHER
114	FUGITIVES (FLANGES, PUMPS, VALVES)	30,000.000 Gal/HR	VALVE
124	TANK A-24 GP2-39-001	30,000.000 Gal/HR	OTHER
201	LOADING RACK - 275,000,000 GAL/YR -		
S001	GASOLINE/DISTILLATES TANKS 9,10,11,12 & 13		
C01	VAPOR DESTRUCTION UNIT (VDU)		
S01	VDU STACK		
Z101	FUGITIVE TANK 101		
Z102	FUGITIVE TANK 102		
Z103	FUGITIVE TANK 103		
Z104	FUGITIVE TANK 104		
Z105	FUGITIVE TANK 105		
Z106	FUGITIVE TANK 106		
Z107	FUGITIVE TANK 107		
Z108	FUGITIVE TANK 108		
Z109	FUGITIVE TANK 109		
Z110	FUGITIVE TANK 110		
Z111	FUGITIVE TANK 111		
Z112	FUGITIVE TANK 112		
Z113	FUGITIVE TANK 113		
Z114	FUGITIVE EMISSIONS		
Z124	FUGITIVE TANK 24		

PERMIT MAPS

PROC STAC Z101











#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.



- (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.

39-00023

- (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:



- (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:





- (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 NOx from a single source during the term of the permit and 5 tons of NOx 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:

39-00023



SECTION B. General State Only Requirements

- (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)



- (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]

39-00023

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





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.





#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.





I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §123.1]

Prohibition of certain fugitive emissions

- (a) A person may not 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) Sources and classes of sources other than those identified in paragraphs (1)-(6), for which the operator has obtained a determination from the Department that fugitive emissions from the source, after appropriate control, meet the following
- (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 a visible emission in any of the following instances:
- (1) When the presence of uncombined water is the only reason for failure of the emission to meet the limitations.
- (2) When the emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions.
- (3) When the emission results from sources specified in SECTIONC Condition #001.

006 [25 Pa. Code §127.35]

Maximum achievable control technology standards for hazardous air pollutants.

- (a) Effective December 15, 1997, the emission of hazardous air pollutants (HAP's) as defined in Section 112b of the Clean Air Act, limits any single HAP, emitted from the facility, to less than 10 tons per year.
- (b) The total HAP's emission from the facility shall be limited to less than 25 tons per year.

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall limit the facility's emissions of Volatile Organic Compounds (VOC's) to less than 50 tpy, based on a 12month rolling sum.



39-00023

008 [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

- a) You must meet each emission limit and management practice in Table 1 to this subpart that applies to your gasoline storage tank.
- (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).

009 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11089]

Subpart BBBBB - 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

- (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.

010 [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?

(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.

II. TESTING REQUIREMENTS.

011 [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. Certified Data Sheets, manufacturer testing results, EPA emission factors, etc.).

012 [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 State-Only Requirement #019.

013 [25 Pa. Code §127.441]

Operating permit terms and conditions.

If requested by the Department, the permittee shall conduct performance (stack) tests in accordance with the provisions of Chapter 139 of the Rules and Regulations of the Department. The permittee will provide adequate sampling ports, safe sampling platforms, and adequate utilities for the performance by the Department of tests on such source(s). The Department will set forth, in the request, the time period in which the facilities shall be provided as well as the specifications for such facilities.

III. MONITORING REQUIREMENTS.

014 [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.

015 [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 #014, 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.

016 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

IV. RECORDKEEPING REQUIREMENTS.

017 [25 Pa. Code §127.441]

Operating permit terms and conditions.

All records, reports and analyses results generated in compliance with the requirements of any section of this permit shall be maintained in accordance with SECTION B - General State-Only Requirement #020, and shall be made available to the Department upon request.

018 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall maintain a logbook of the daily visible and fugitive emission inspections conducted at the facility. The recordkeeping shall be maintained in accordance with SECTION B - General State Only Requirement #020.

019 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall, on a monthly basis, record the total gasoline/distillates throughput at the loading rack for the past thirty (30) days. Such records shall be maintained at the facility and made available to the Department upon request.

020 [25 Pa. Code §129.56]

Storage tanks greater than 40,000 gallons capacity containing VOCs

- (a) To determine compliance with SECTION C Conditions #006 and #007, the permittee shall, on a monthly basis, maintain records of the following information for each storage tank:
- (1) The types of volatile petroleum liquids stored;
- (2) The maximum true vapor pressure of the liquid as stored;
- (3) The period of time over which the liquid was stored;
- (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.

021 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11094]

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

What are my recordkeeping requirements?

- (a) 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.
- (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 recordkeeping procedures.

V. REPORTING REQUIREMENTS.

022 [25 Pa. Code §127.35]

Maximum achievable control technology standards for hazardous air pollutants.

- (a) The permittee shall comply with the following requirements to demonstrate compliance with the facility-wide VOC and HAP emission limitations of SECTIONC Conditions #006 and #007:
- (1) On a semi-annual basis, the permittee shall, using the monthly throughput records for the petroleum liquids stored and distributed at the facility, create a semi-annual throughput report. This report shall be included with the previous semi-annual report to create an Annual (12-month) Rolling Throughput Report. All reports shall specify the throughput (in units of gallons) for the gasoline, distillates, and petroleum additives at the facility. The permittee shall submit each Annual Rolling Throughput Report to the Department within thirty (30) days of the close of each semi-annual period.

023 [25 Pa. Code §127.441]

Operating permit terms and conditions.

FUGITIVE EMISSIONS:

- (a) On a semi-annual basis, the permittee shall compile a report of all logged instances of deviation from the fugitive emission limitation that occurred and the actions taken in response to them. This report shall be submitted to the Department.
- (b) If no deviations have been logged during the reported period, this report shall be retained at the Terminal and made available to the Department upon request.

024 [25 Pa. Code §127.441]

Operating permit terms and conditions.

- (a) These sources are subject to Subpart XX of the Standards of Performance for New Stationary Sources and shall comply with all applicable requirements of this Subpart.
- (b) 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:

Office of Air Enforcement and Compliance Assistance (3AP20)

United States Environmental Protection Agency

Region 3

1650 Arch Street

Philadelphia, PA 19103-2029

025 [25 Pa. Code §127.441]

Operating permit terms and conditions.

On a semi-annual basis, the permittee shall compile a written report of all instances of a reportable spillage, as described in SECTION C - Condition #029, and submit it to the Department.

026 [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.





027 [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?

- (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 (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.

VI. WORK PRACTICE REQUIREMENTS.

028 [25 Pa. Code §123.1]

Prohibition of certain fugitive emissions

- (a) A person responsible for any source specified in SECTION C Condition #001, shall take all reasonable actions to prevent particulate matter from becoming airborne. These actions shall include, but not be limited to, the following:
- (1) Use, where possible, of water or chemicals for control of dust in the demolition of buildings or structures, construction operations, the grading of roads, or the clearing of land.
- (2) Application of asphalt, oil, water or suitable chemicals on dirt roads, material stockpiles and other surfaces which may give rise to airborne dusts.
- (3) Paving and maintenance of roadways.
- (4) Prompt removal of earth or other material from paved streets onto which earth or other material has been transported by trucking or earth moving equipment, erosion by water, or other means.



029 [25 Pa. Code §127.441]

Operating permit terms and conditions.

- (a) The permittee shall notify the Department as soon as practicable, but no later than two (2) hours, after the confirmation of a reportable spillage. A reportable spillage under this permit condition is one or more of the following:
- (1) A spillage of twenty-five (25) gallons or more to a containment area, structure or facility.
- (2) A spillage of five (5) gallons or more to a synthetic surface, such as asphalt or concrete.
- (3) A spillage of one (1) gallon or more to surface soil.
- (4) Any spillage which is not under control, not completely contained and not recovered or removed within twenty-four (24) hours.

030 [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 subsection (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.

- (2) Subsection (a) notwithstanding clearing and grubbing wastes may be burned outside of an air basin, subject to the following limitations:
- (i) Upon receipt of a complaint or determination by the Department that an air pollution problem exists, the Department may order that the open burning cease or comply with subsection (a) of this section.
- (ii) Authorization for open burning under this paragraph does not apply to clearing and grubbing wastes transported from an air basin for disposal outside of an air basin.
- (3) During an air pollution episode, open burning is limited by 25 Pa. Code Chapter 137 (relating to air pollution episodes) and shall cease as specified in such chapter.

031 [25 Pa. Code §129.56]

Storage tanks greater than 40,000 gallons capacity containing VOCs

A person may not permit the placing, storing, or holding in a stationary tank, reservoir, or other container with a capacity greater than 40,000 gallons of any volatile organic compounds with a vapor pressure greater than 1.5 psia (10.5 kilopascals) under actual storage conditions unless such tank, reservoir or other container is a pressure tank capable of maintaining working pressures sufficient at all times to prevent vapor or gas loss to the atmosphere or is designed and equipped with one of the following vapor loss control devices:

(1) An external or an internal floating roof. This control equipment shall not be permitted if the volatile organic compounds





have a vapor pressure of 11 psia (76 kilopascals) or greater under actual storage conditions.

032 [25 Pa. Code §129.62]

General standards for bulk gasoline terminals/plants, and small gasoline storage tanks

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

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.

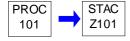


SECTION D. Source Level Requirements

Source ID: 101 Source Name: TANK A-9

Source Capacity/Throughput: 30,000.000 Gal/HR OTHER

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: 102 Source Name: TANK A-10

Source Capacity/Throughput: 30,000.000 Gal/HR OTHER

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 A-11

Source Capacity/Throughput: 30,000.000 Gal/HR OTHER

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).



Source ID: 104 Source Name: TANK A-12

Source Capacity/Throughput: 30,000.000 Gal/HR OTHER

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).



Source ID: 105 Source Name: TANK A-13

Source Capacity/Throughput: 30,000.000 Gal/HR OTHER

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).

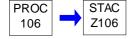


SECTION D. Source Level Requirements

Source ID: 106 Source Name: TANK A-14

Source Capacity/Throughput: 30,000.000 Gal/HR DIESEL

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: 107 Source Name: TANK A-15

Source Capacity/Throughput: 30,000.000 Gal/HR DIESEL

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).



Source ID: 108 Source Name: TANK A-16

Source Capacity/Throughput: 30,000.000 Gal/HR DIESEL

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: 109 Source Name: TANK A-17

Source Capacity/Throughput: 30,000.000 Gal/HR DIESEL

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).



Source ID: 110 Source Name: TANK A-18

Source Capacity/Throughput: 30,000.000 Gal/HR DIESEL

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).



Source ID: 111 Source Name: TANK A-21

Source Capacity/Throughput: 30,000.000 Gal/HR DIESEL

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).

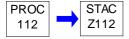


SECTION D. Source Level Requirements

Source ID: 112 Source Name: TANK A-22

Source Capacity/Throughput: 30,000.000 Gal/HR OTHER

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).



Source ID: 113 Source Name: TANK A-23

Source Capacity/Throughput: 30,000.000 Gal/HR OTHER

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

PROC 113 STAC Z113

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.

001 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.113a] Subpart Ka - Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984 Testing and procedures.

- (a) Except as provided in 60.8(b) compliance with the standard prescribed in 60.112a shall be determined as follows or in accordance with an equivalent procedure as provided in 60.114a.
- (1) The owner or operator of each storage vessel to which this subpart applies which has a vapor recovery and return or disposal system shall provide the following information to the Administrator on or before the date on which construction of the storage vessel commences:
- (i) Emission data, if available, for a similar vapor recovery and return or disposal system used on the same type of storage vessel, which can be used to determine the efficiency of the system. A complete description of the emission measurement method used must be included.
- (ii) The manufacturer's design specifications and estimated emission reduction capability of the system.
- (iii) The operation and maintenance plan for the system.
- (iv) Any other information which will be useful to the Administrator in evaluating the effectiveness of the system in reducing VOC emissions.

III. MONITORING REQUIREMENTS.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

- (1) The internal floating roof associated with this bulk gasoline storage tank is to be maintained in good condition and in compliance with the application requirements of Section 129.56 of Chapter 129 of the Rules and Regulations of the Department of Environmental Protection.
- (2) 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.
- (3) 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 of the inspections performed under Site Level Condition #016 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.
- (4) The company shall immediately notify the Department of any malfunction of, or damage to, this storage tank or associated internal floating roof which results in, or may possibly be resulting in, an increase in the emission of gasoline vapors from the tank.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

As required by the EPA Storage Tank Emission Reduction Partnership Agreement, the deck fitting for the slotted guidepole shall be visually inspected at least once every 10 years and each time the vessel is emptied and degassed. If the slotted



39-00023

guidepole deck fitting or control devices have defects, or if a gap of more than 0.32 centimeters (1/8 inch) exists between any gasket required for control of the slotted guidepole deck fitting and any surface that it is intended to seal, such items shall be repaired before filling or refilling the storage vessel with regulated material.

IV. RECORDKEEPING REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Each time the slotted guidepole is inspected, a record of the inspection shall be maintained on-site and be made available to the Department upon request. The inspection shall contain at a minimum, the date, time, individual conducting the inspection, and the result of the inspection.

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.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

As required by the EPA Storage Tank Emission Reduction Partnership Agreement, the permittee shall properly install, operate and maintain all required slotted guidepole controls.

The sliding cover shall be in place over the slotted-guidepole opening through the floating roof at all times, except when the sliding cover must be removed for access. The guidepole float shall be floating within the guidepole at all times, except when it must be removed for access to the stored liquid or when the tank is empty.

When the tank is taken out of hydrocarbon service, for any reason, it does not have to have any control in place during the time it is out of service.

006 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.112a] Subpart Ka - Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984 Standard for volatile organic compounds (VOC).

- (a) The owner or operator of each storage vessel to which this subpart applies which contains a petroleum liquid which, as stored, has a true vapor pressure equal to or greater than 10.3 kPa (1.5 psia) but not greater than 76.6 kPa (11.1 psia) shall equip the storage vessel with one of the following:
- (1) A fixed roof with an internal floating type cover equipped with a continuous closure device between the tank wall and the cover edge. The cover is to be floating at all times, (i.e., off the leg supports) except during initial fill and when the tank is completely emptied and subsequently refilled. The process of emptying and refilling when the cover is resting on the leg supports shall be continuous and shall be accomplished as rapidly as possible. Each opening in the cover except for automatic bleeder vents and the rim space vents is to provide a projection below the liquid surface. Each opening in the cover except for automatic bleeder vents, rim space vents, stub drains and leg sleeves is to be equipped with a cover, seal, 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. Automatic bleeder vents are to be closed at all times when the cover is floating except when the cover is being floated off or is being landed on the leg supports. Rim vents are to be set to open only when the cover is being floated off the leg supports or at the manufacturer's recommended setting.
- (2) A vapor recovery system which collects all VOC vapors and gases discharged from the storage vessel, and a vapor return or disposal system which is designed to process such VOC vapors and gases so as to reduce their emission to the atmosphere by at least 95 percent by weight.
- (3) A system equivalent to those described in paragraphs (a)(1), or (a)(2) of this section as provided in 60.114a.



(b) The owner or operator of each storage vessel to which this subpart applies which contains a petroleum liquid which, as stored, has a true vapor pressure greater than 76.6 kPa (11.1 psia), shall equip the storage vessel with a vapor recovery system which collects all VOC vapors and gases discharged from the storage vessel, and a vapor return or disposal system which is designed to process such VOC vapors and gases so as to reduce their emission to the atmosphere by at least 95 percent by weight.

VII. ADDITIONAL REQUIREMENTS.

39-00023

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).



Source ID: 114 Source Name: FUGITIVES (FLANGES, PUMPS, VALVES)

Source Capacity/Throughput: 30,000.000 Gal/HR VALVE



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).





Source ID: 124 Source Name: TANK A-24 GP2-39-001

> Source Capacity/Throughput: 30,000.000 Gal/HR **OTHER**

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



39-00023

RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

This Tank A-124 (Tank #24) is subject to all applicable requirements stated in Permit No.GP2-39-001 issued May 3, 2013 and all applicable requirements in 40 CFR Part 60 Subpart Kb for storage tanks installed after July 23, 1984.

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).

MONITORING REQUIREMENTS. III.

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).

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).





Source ID: 201 Source Name: LOADING RACK - 275,000,000 GAL/YR - GASOLINE/DISTILLATES

Source Capacity/Throughput:



RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Pursuant to the provisions of 25 PA Code Section 127.12(a)(5), the Volatile Organic Compound (VOC) emissions to the atmosphere from the Vapor Destruction Unit (VDU) due to the loading of liquid product into gasoline tank trucks are not to exceed 10 milligrams of total organic compounds per liter of gasoline loaded.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The following restriction(s) have been elected by the permittee:

(a) The permittee shall be limited to a maximum Loading Rack throughput of petroleum products, in gallons per year, of the following:

- 1) Gasoline 275,000,000
- 2) Distillate 275,000,000

(b) If the testing required in SECTION C - Condition #012 indicates an increase in Volatile Organic Compounds or Hazardous Air Pollutants, which would exceed the limit required by SECTION C - Condition #006 (HAP), or #007 (50 ton/yr), the facility shall reduce the petroleum throughput limit required by paragraph (a), to assure compliance with SECTION C -Condition #006 and #007.

003 [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.

- (a) The owner or operator of each bulk gasoline terminal containing an affected facility shall comply with the requirements of this section.
- (b) Each affected facility shall be equipped with a vapor collection system designed to collect the total organic compounds vapors displaced from tank trucks during product loading.

[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

If you own or operate Then you must

1. A gasoline loading rack(s) at a (a) Equip your loading rack(s) with

bulk gasoline terminal with a gasoline throughput of 250,000 gallons per day, or greater.

a vapor collection system designed to collect the TOC vapors displaced from cargo tanks during product loading; and

(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 (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



(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.

2. A gasoline loading rack(s) at a bulk gasoline terminal with a gasoline throughput of less than 250,000 gallons per day. (a) Use submerged filling with a submerged fill pipe that is no more than 6 inches from the bottom of the cargo tank.

(b) Make records available within 24 hours of a request by the Administrator to document your gasoline throughput.

005 [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

- (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.
- (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.

006 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11092]

Subpart BBBBB - 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?

- (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.
- (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





39-00023

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)(iii) 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 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. THIS IS REQUIRED AND HAS BEEN COMPLETED FOR THE VDU. THE OPERATING PARAMETER VALUE FOR THE LOADING RACK VDU IS 107oF.
- (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). THIS IS REQUIRED AND HAS BEEN COMPLETED FOR THE VDU. THE MONITORING FREQUENCY IS CONTINUOUS (MINUTE DATA); AVERAGING TIME IS HOURLY.
- (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.

II. TESTING REQUIREMENTS.

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

- (a) The permittee is required to perform stack testing of the Loading Rack (201) and its controls (C01) for compliance limits (conditions #001 and #004) at least once during the term of this operating permit, but no later than 5 years from the latest emission test, unless otherwise approved in writing by the Department.
- (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 this SECTION D - Conditions #004 and 25 Pa. Code, Section 139.4(5). The VOC emissions shall be determined over a testing period of no less than six (6) hours.

008 [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) 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).
- (c) 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).
- (d) 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, 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.

009 [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.

010 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall, on a daily basis, record the total gasoline throughput at the loading rack.

[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.

012 [25 Pa. Code §129.59]

Bulk gasoline terminals

The permittee shall maintain records of daily throughput. These records shall be retained for at least five (5) years and shall be made available to the Department upon request.

013 [25 Pa. Code §129.62]

General standards for bulk gasoline terminals/plants, and small gasoline storage tanks

- (a) 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.
- (b) The records of certification tests required by paragraph (a) shall contain:
- (1) The gasoline tank truck tank serial number.
- (2) The initial test pressure and the time of the reading.
- (3) The final test pressure and the time of the reading.
- (4) The initial test vacuum and the time of the reading.
- (5) The final test vacuum and the time of the reading.
- (6) At the top of each report page, the company name and the date and location of the tests on that page.
- (7) The name and title of the person conducting the test.
- (c) Copies of records and reports under this subsection shall be made available to the Department upon verbal or written request at any reasonable time. A copy of the test results for each gasoline tank shall be kept with the truck.
- (d) Gasoline tank trucks with a rated capacity of less than 4,800 gallons are exempt from subsections (a), (b), and (c).

014 [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 permittee 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.

015 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall, on a semi-annual basis, compile a report of all cases in which uncertified or certification-expired gasoline tank trucks entered the facility with the intent to load gasoline. This report shall be submitted to the Department within (30) days.

016 [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 sources(s), the operation and use of which is authorized by this permit, or causes, permits or allows any modifications, malfunction or removal of any air pollution control device required as a condition of this permit, then and 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 plan approval(s), and the application(s) submitted for said plan approval(s) (as approved by the Department), and in accordance with any conditions set forth herein.
- (3) The use of gasoline loading operation shall not, at any time, result in the emission of volatile organic vapors and gases in excess of the limitation specified in Section 129.59(a) of Chapter 129 of the Rules and Regulations of the Department of Environmental Protection. This gasoline loading operation shall additionally be operated in accordance with the requirements of Section 129.59(b), and any applicable requirements of Section 129.62, of Chapter 129 of the Rules and Regulations of the Department of Environmental Protection.
- (4) The company, within one (1) hour of occurrence, shall notify the Department, at (610) 861-2070, of any malfunction of this gasoline loading operation 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 application 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 two (2) working days following the incident describing the malfunction and corrective actions taken.

VI. WORK PRACTICE REQUIREMENTS.

017 [25 Pa. Code §129.59]

Bulk gasoline terminals

The permittee shall 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.





018 [25 Pa. Code §129.59]

Bulk gasoline terminals

The vapor collection and disposal system shall be operated at all times during the loading of gasoline.

019 [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.
- (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.

020 [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 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).

VII. ADDITIONAL REQUIREMENTS.

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

ALLENTOWN TERM DE LLC/ALLENTOWN TERM



SECTION D. Source Level Requirements

Source ID: S001 Source Name: TANKS 9,10,11,12 & 13

Source Capacity/Throughput:

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 E. Source Group Restrictions.

Group Name: GROUP 01

Group Description: Gasoline Storage Tanks

Sources included in this group

ID	Name
101	TANK A-9
102	TANK A-10
103	TANK A-11
104	TANK A-12
105	TANK A-13
112	TANK A-22
113	TANK A-23

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 plan approval(s), and the application(s) submitted for said plan approval(s) (as approved by the Department), and in accordance with any conditions set forth herein.
- (3) The internal floating roof associated with this bulk gasoline 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 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 two 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.





SECTION E. **Source Group Restrictions.**

002 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63 Subpart BBBBBB Table 1]

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

- Applicability Criteria, Emission Limits, and Management Practices for Storage Tanks

If you own or operate

Then you must

1. A gasoline storage tank with a capacity of less than 75 cubic meters (m\3\).

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 m\3\.
- (a) Reduce emissions of total organic HAP or TOC by 95 weight-percent with a closed vent system and control device as specified 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 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.63.1063(a)(2) if such storage tank does not currently meet the requirements of Sec.63.1063(a)(1).

003 [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?

- (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 95percent 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.

004 [25 Pa. Code §129.56]

Storage tanks greater than 40,000 gallons capacity containing VOCs

The permittee shall perform routine inspections annually of each floating roof storage tank to insure compliance all





SECTION E. Source Group Restrictions.

requirements of Pa. Code 25 Section 129.56. The inspection shall include a visual inspection of the tank seals made through the roof hatch of the storage tank.

IV. RECORDKEEPING REQUIREMENTS.

005 [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 25 Pa. Code Section 129.56(f)(3).

V. REPORTING REQUIREMENTS.

006 [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.

007 [25 Pa. Code §129.56]

Storage tanks greater than 40,000 gallons capacity containing VOCs

- (a) 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.

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: Distillate Storage Tanks

Sources included in this group

ID	Name
106	TANK A-14
107	TANK A-15
108	TANK A-16
109	TANK A-17
110	TANK A-18
111	TANK A-21
124	TANK A-24 GP2-39-001

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.

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall not store in these tanks a petroleum liquid which, as stored, has a true vapor pressure equal or greater than 10.3 kPa (1.5 psia).

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.

No emission restrictions listed in this section of the permit.

ALLENTOWN TERM DE LLC/ALLENTOWN TERM



SECTION H. Miscellaneous.

- (a) The Synthetic Minor Operating Permit application was received on April 12, 2024. 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. 39-00023.
- (c) 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:

(< 1.0 tons per year):

(1) Tank 2 10,000 gallon additive tank (2) Tank 5 2,000 gallon additive tank (3) Tank 4 10,000 gallon additive tank (4) Tank 6 3,000 gallon additive tank (5) Additive Tank 7 RFD issued 50,000 gallons/yr

(6) Additive Tank 8(7) Biodiesel Tank 9

(8) Tank WW-220,000 gallon wastewater tank(9) Tank VCU-12,000 gallon VCU knockout tank(10) Building Boiler#2 oil fired; 1.35 gal/hr max firing rate(11)Tank HO-1500 gallon; #2 heating oil tank(12) Tank FW-1300 gallon diesel storage tank

(13) Pipeline sample tanks (2)
(14) Diesel fire pump and tank
(15) Propane fired foam pump
(16) Propane tanks (2)
160 gallons
85hp; 119 gallons
Electric driven
5 and 400 pound

RFD #39-0926 issued on 09/05/2019 for a new 8000 gallon storage tank

RFD #39-0882 approved on 08/28/2017 to add butane blending for 6 gasoline storage tanks.

RFD #39-0703 approved on 10/13/2011 to install two (2) new, aboveground, vertical, fixed roof additive storage tanks.



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