



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
AIR QUALITY PROGRAM

STATE ONLY OPERATING PERMIT

Issue Date: August 31, 2009

Effective Date: August 31, 2009

Expiration Date: August 31, 2014

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: 54-00015

Federal Tax Id - Plant Code: 23-3102655-51

Owner Information

Name: SUNOCO PARTNERS MKT & TERM LP

Mailing Address: 1801 MARKET ST 19 10 PC  
PHILADELPHIA, PA 19103-1699

Plant Information

Plant: SUNOCO PARTNERS MKT & TERM LP / TAMAQUA TERM

Location: 54 Schuylkill County 54954 Rush Township

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

Responsible Official

Name: DAVE CECI

Title: TERMINAL MANAGER

Phone: (610) 668 - 0430

Permit Contact Person

Name: JED WERNER

Title: ENVIRONMENTAL SPECIALIST

Phone: (610) 670 - 3297

[Signature] \_\_\_\_\_

MARK J WEJKSZNER, NORTHEAST REGION AIR PROGRAM MANAGER

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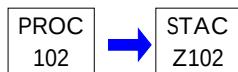
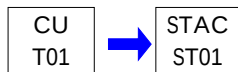
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## SECTION A. Site Inventory List

| Source ID | Source Name                                | Capacity/Throughput | Fuel/Material    |
|-----------|--------------------------------------------|---------------------|------------------|
| T01       | HEATING FURNACE                            | 0.500 MMBTU / HR    |                  |
| 101       | DISTILLATE BOTTOM LOADING / VCU            | 10,500.000 Gal / HR | GASOLINE         |
| 102       | DISTILLATE TRUCK LOADING                   | 96,000.000 Gal / HR | DISTILLATE FUELS |
| 103       | FUGITIVE EMISSIONS(PUMPS, VALVES, FLANGES) |                     |                  |
| 104       | STORAGE TANK 4                             |                     |                  |
| 105       | STORAGE TANK 5                             |                     |                  |
| 106       | STORAGE TANK 6                             |                     |                  |
| 107       | STORAGE TANK 7                             |                     |                  |
| 108       | STORAGE TANK 8                             |                     |                  |
| 109       | STORAGE TANK 9                             |                     |                  |
| 110       | STORAGE TANK 10                            |                     |                  |
| 111       | STORAGE TANK 11                            |                     |                  |
| 112       | OIL / WATER SEPARATOR                      |                     |                  |
| 113       | HEATING OIL STORAGE TANK                   |                     |                  |
| T02       | ADDITIVE TANK                              |                     |                  |
| VCU       | VAPOR CONTROL UNIT                         |                     |                  |
| S01       | VAPOR CONTROL EMISSIONS                    |                     |                  |
| ST01      | FURNACE STACK                              |                     |                  |
| Z102      | DISTILLATE TRUCK LOADINGK                  |                     |                  |
| Z103      | FUGITIVE STACK                             |                     |                  |
| Z104      | TANK 4 FUGITIVE EMISSIONS                  |                     |                  |
| Z105      | TANK 5 FUGITIVE EMISSIONS                  |                     |                  |
| Z106      | TANK 6 FUGITIVE EMISSIONS                  |                     |                  |
| Z107      | TANK 7 FUGITIVE EMISSIONS                  |                     |                  |
| Z108      | TANK 8 FUGITIVE EMISSIONS                  |                     |                  |
| Z109      | TANK 9 FUGITIVE EMISSIONS                  |                     |                  |
| Z110      | TANK 10 FUGITIVE EMISSIONS                 |                     |                  |
| Z111      | TANK 11 FUGITIVE EMISSIONS                 |                     |                  |
| Z112      | SEPARATOR VOC LOSSES                       |                     |                  |
| ZT02      | ADDITIVE TANK LOSSES                       |                     |                  |

### PERMIT MAPS



# PERMIT MAPS

PROC  
103 → STAC  
Z103

PROC  
104 → STAC  
Z104

PROC  
105 → STAC  
Z105

PROC  
106 → STAC  
Z106

PROC  
107 → STAC  
Z107

PROC  
108 → STAC  
Z108

PROC  
109 → STAC  
Z109

PROC  
110 → STAC  
Z110

PROC  
111 → STAC  
Z111

PROC  
112 → STAC  
Z112

PROC  
T02 → STAC  
ZT02

**SECTION B. General State Only Requirements**

#001 [25 Pa. Code § 121.1]

**Definitions.**

Words and terms that are not otherwise defined in this permit shall have the meanings set forth in Section 3 of the Air Pollution Control Act (35 P.S. § 4003) and in 25 Pa. Code § 121.1.

#002 [25 Pa. Code § 127.446]

**Operating Permit Duration.**

- (a) This operating permit is issued for a fixed term of five (5) years and shall expire on the date specified on Page 1 of this permit.
- (b) The terms and conditions of the expired permit shall automatically continue pending issuance of a new operating permit, provided the permittee has submitted a timely and complete application and paid applicable fees required under 25 Pa. Code Chapter 127, Subchapter I and the Department is unable, through no fault of the permittee, to issue or deny a new permit before the expiration of the previous permit.

#003 [25 Pa. Code §§ 127.412, 127.413, 127.414, 127.446 &amp; 127.703(b)&amp;(c)]

**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 and an additional annual administrative fee as specified in 25 Pa. Code § 127.703(b) and (c). The fees shall be made payable to "The Commonwealth of Pennsylvania - Clean Air Fund" and shall be for the amount specified in the following schedule specified in 25 Pa. Code § 127.703(b) and (c).
- (1) Three hundred dollars for applications filed during the 2000-2004 calendar years.
  - (2) Three hundred seventy-five dollars for applications filed for the calendar years beginning in 2005.
- (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 fees according to the following schedule specified in 25 Pa. Code § 127.703(b):
- (1) Three hundred dollars for applications filed during the 2000-2004 calendar years.

## SECTION B. General State Only Requirements

(2) Three hundred seventy-five dollars for applications filed for the calendar years beginning in 2005.

This fee schedule shall apply to the processing of an application for an operating permit as well as the extension, modification, revision, renewal, and re-issuance of each operating permit or part thereof.

(b) The permittee shall pay an annual operating permit administrative fee according to the fee schedule established in 25 Pa. Code § 127.703(c).

(1) Two hundred fifty dollars for applications filed during the 1995-1999 calendar years.

(2) Three hundred dollars for applications filed during the 2000-2004 calendar years.

(3) Three hundred seventy-five dollars for applications filed during the years beginning in 2005.

(c) The applicable fees shall be made payable to "The Commonwealth of Pennsylvania - Clean Air Fund".

#005 [25 Pa. Code §§ 127.450 (a)(4) and 127.464]

### Transfer of Operating Permits.

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

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

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

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

### Inspection and Entry.

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

(1) Enter at reasonable times upon the permittee's premises where a source is located or emissions related activity is conducted, or where records are kept under the conditions of this permit;

(2) Have access to and copy, at reasonable times, any records that are kept under the conditions of this permit;

(3) Inspect at reasonable times, any facilities, equipment including monitoring and air pollution control equipment, practices, or operations regulated or required under this permit;

(4) Sample or monitor, at reasonable times, any substances or parameters, for the purpose of assuring compliance with the permit or applicable requirements as authorized by the Clean Air Act, the Air Pollution Control Act, or the regulations promulgated under the Acts.

(b) Pursuant to 35 P.S. § 4008, no person shall hinder, obstruct, prevent or interfere with the Department or its personnel in the performance of any duty authorized under the Air Pollution Control Act or regulations adopted thereunder including denying the Department access to a source at this facility. Refusal of entry or access may constitute grounds for permit revocation and assessment of criminal and/or civil penalties.

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

## SECTION B. General State Only Requirements

#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.



## SECTION B. General State Only Requirements

(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]

### 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 make 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 make minor operating permit modifications (as defined 25 Pa. Code § 121.1) in accordance with 25 Pa. Code § 127.462.

(d) Permit modifications which do not qualify as minor permit modifications under 25 Pa. Code § 127.541 will be treated as a significant operating permit revision subject to the public notification procedures in §§ 127.424 and 127.425.

#012 [25 Pa. Code § 127.441]

### Severability Clause.

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

#013 [25 Pa. Code § 127.449]

### De Minimis Emission Increases.

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

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

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

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

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

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

(2) One ton of NO<sub>x</sub> from a single source during the term of the permit and 5 tons of NO<sub>x</sub> 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 PM<sub>10</sub> from a single source during the term of the permit and 3.0 tons of PM<sub>10</sub> at the facility during the term of the permit. This shall include emissions of a pollutant regulated under Section 112 of the Clean Air

## SECTION B. General State Only Requirements

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:

(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

## SECTION B. General State Only Requirements

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]

### 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.

## SECTION B. General State Only Requirements

(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

**SECTION B. General State Only Requirements**

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

#021 [25 Pa. Code § 127.441(a)]

**Property Rights.**

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

#022 [25 Pa. Code § 127.447]

**Alternative Operating Scenarios.**

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

## SECTION C. Site Level Requirements

### I. RESTRICTIONS.

#### Emission Restriction(s).

# 001 [25 Pa. Code §123.1]

##### Prohibition of certain fugitive emissions

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

(1) Construction or demolition of buildings or structures.

(2) Grading, paving and maintenance of roads and streets.

(3) Use of roads and streets. Emissions from material in or on trucks, railroad cars and other vehicular equipment are not considered as emissions from use of roads and streets.

(4) Clearing of land.

(5) Stockpiling of materials.

(6) Open burning operations.

(7) 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 requirements:

(i) the emissions are of minor significance with respect to causing air pollution; and

(ii) the emissions are not preventing or interfering with the attainment or maintenance of any ambient air quality standard.

# 002 [25 Pa. Code §123.2]

##### Fugitive particulate matter

A person may not permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in Site Level Requirement, 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:

## SECTION C. Site Level Requirements

- (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 Site Level Requirement, 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 Site Level Requirement, Condition #001.

# 006 Elective Restriction

To achieve synthetic minor status and escape the Gasoline Distribution MACT requirements, the permittee has opted to observe the following emission limitations:

- (a) The total emissions of Volatile Organic Compounds (VOCs) from the facility shall, during any consecutive 12 month period, be less than 50.00 tons when storing and loading gasoline.
- (b) The total annual emission of any individual HAP, as identified in Title III, Section 112(b) of the Clean Air Act, from the facility during gasoline loading operations shall, during any consecutive 12 month period, be less than 10.0000 tons.
- (c) The combined emissions of all individual HAPs defined under subsection (c) of this paragraph shall, during any consecutive 12 month period, be less than 25.0000 tons.

## II. TESTING REQUIREMENTS.

# 007 [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.

# 008 elective restriction

- (a) To ensure the practical enforceability of the annual Hazardous Air pollutant (HAP) emissions 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 content of each.
- (b) The quarterly testing of a petroleum liquid may be waived if the HAP content of the liquid can be demonstrated from documentation provided by the manufacturer (i.e. Material Safety and Data Sheets, manufacturer testing results, etc).

## SECTION C. Site Level Requirements

### III. MONITORING REQUIREMENTS.

# 009 [25 Pa. Code §127.441]

Operating permit terms and conditions.

#### VISIBLE AND FUGITIVE EMISSIONS

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

(1) Visible emissions in excess of the limits stated in Site Level Requirement, Condition #004. Visible emissions may be measured according to the methods specified in Site Level Requirement, Condition #017, 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 Tamaqua Terminal, as stated in Site Level Requirement, Condition #002.

# 010 [25 Pa. Code §129.58]

Petroleum refineries--fugitive sources

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

### IV. RECORDKEEPING REQUIREMENTS.

# 011 [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 General State Only Requirement #020, Section B, and shall be made available to the Department upon written or verbal request at a reasonable time.

# 012 [25 Pa. Code §129.56]

Storage tanks greater than 40,000 gallons capacity containing VOCs

(a) To determine compliance with Site Level Requirement, Condition #016, the permittee shall, on a monthly basis, maintain records of the following information for each storage tank:

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

(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.



## SECTION C. Site Level Requirements

### V. REPORTING REQUIREMENTS.

# 013 [25 Pa. Code §127.441]

Operating permit terms and conditions.

#### VISIBLE EMISSIONS

On a semi-annual basis, the permittee shall compile a report of all logged instances of exceedance of the visible emission limitations, Site Level Requirement, Condition #004, that occurred during the previous six (6) months, to be submitted to the Department within thirty (30) days of the end of the calendar quarter.

# 014 [25 Pa. Code §127.442]

Reporting requirements.

The company, within one hour of occurrence, shall notify the Department, at (570) 826-2511, 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. 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.

# 015 elective restriction

(a) The permittee shall observe the following requirements to demonstrate compliance with the facility-wide VOC and HAP emission limitations of Site Level Requirement, Condition #005:

(1) At the end of each calendar year, the permittee shall, using the HAP content data, for the petroleum liquids stored and distributed at the facility, and the daily throughput records from the previous three (12) months, create a 12-month rolling summation report of the emissions of Volatile Organic Compounds (VOCs) and Hazardous Air Pollutants (HAPs) from the facility. The report shall specify the emissions (in units of tons) for each of the twelve (12) consecutive 12-month periods ending in the preceding year. The permittee shall submit each Annual Emissions Report to the Department by March 15th of each year.

(b) For each Annual Emissions Report, the permittee shall determine fugitive losses of VOC's and HAP's using the following methods:

(1) The actual emissions of Volatile Organic Compounds (VOCs) and Hazardous Air Pollutants (HAPs) from the storage tanks and the loading racks shall be determined using the latest EPA methods.

(2) Any change in the calculation method used in paragraph (b)(1) above, shall be subject to approval by the Department. Application for approval shall be submitted no less than thirty (30) days prior to any change in the calculation method."

### VI. WORK PRACTICE REQUIREMENTS.

# 016 [25 Pa. Code §123.1]

Prohibition of certain fugitive emissions

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

(1) Use, where possible, of water or chemicals for control of dust in the demolition of buildings or structures, construction

## SECTION C. Site Level Requirements

operation, 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.

# 017 [25 Pa. Code §123.43]

### Measuring techniques

#### VISIBLE EMISSIONS

(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.

# 018 [25 Pa. Code §129.14]

### Open burning operations

(a) Outside of air basins. No person may permit the open burning of material in an area outside of air basins in a manner that:

(1) The emissions are visible, at any time, at the point such emissions pass outside the property of the person on whose land the open burning is being conducted.

(2) Malodorous air contaminants from the open burning are detectable outside the property of the person on whose land the open burning is being conducted.

(3) The emissions interfere with the reasonable enjoyment of life or property.

(4) The emissions cause damage to vegetation or property.

(5) The emissions are or may be deleterious to human or animal health.

(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.

## SECTION C. Site Level Requirements

(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 condition.

(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 Chapter 137 (relating to air pollution episodes) and shall cease as specified in such chapter.

# 019 [25 Pa. Code §129.56]

Storage tanks greater than 40,000 gallons capacity containing VOCs

(a) The permittee 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 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.

### 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.



## SECTION C. Site Level Requirements

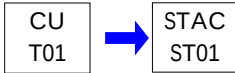
No compliance milestones exist.

## SECTION D. Source Level Requirements

Source ID: T01

Source Name: HEATING FURNACE

Source Capacity / Throughput: 0.500 MMBTU / HR



### I. RESTRICTIONS.

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

### II. TESTING REQUIREMENTS.

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

### III. MONITORING REQUIREMENTS.

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

### IV. RECORDKEEPING REQUIREMENTS.

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

### V. REPORTING REQUIREMENTS.

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

### VI. WORK PRACTICE REQUIREMENTS.

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

### VII. ADDITIONAL REQUIREMENTS.

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

**SECTION D. Source Level Requirements**

Source ID: 101

Source Name: DISTILLATE BOTTOM LOADING /VCU

Source Capacity /Throughput: 10,500.000 Gal / HR GASOLINE

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

# 001 [25 Pa. Code §129.59]

**Bulk gasoline terminals**

The permittee may not cause or permit the loading of gasoline into a vehicular tank from a bulk gasoline terminal unless the gasoline loading racks are equipped with vapor collection and disposal system capable of processing volatile organic vapors and gases so that no more than 0.0668 pounds of gasoline (measured as propane) are emitted to the atmosphere for every 100 gallons of gasoline loaded.

**Throughput Restriction(s).**

# 002 Elective Restriction

(a)The annual throughput of gasoline with the MTBE additive through the loading rack shall not exceed 100,000,000.000 gallons during any consecutive 12-month period.

**II. TESTING REQUIREMENTS.**

# 003 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The portable Gastech Meter shall be calibrated and certified as accurate prior to each leak test required under Section D, Source Level Requirement, Condition #008.

# 004 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

(a) To verify compliance with Section D, Source Level Requirement, Condition #001, the permittee shall conduct two (2) tests of the emission of gasoline from the Vapor Control Unit during truck loading within the term of this permit. The emission tests shall occur on the following schedule:

(1) An emission test shall be performed approximately one year prior to the expiration of this permit.

(b) The permittee shall notify the Department within thirty (30) days of the date(s) upon which a 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 Source Level Requirement, Conditions #005(b) & (c) 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.

# 005 [25 Pa. Code §139.14]

**Emissions of VOCs.**

## SECTION D. Source Level Requirements

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.

# 006 [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 required by Section D, Source Level Requirement, Condition #016(c)(4).

# 007 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

The permittee shall, on a monthly basis, conduct routine vapor leakage inspections of the loading rack and vapor recovery unit as required by Section D, Source Level Condition #016(b)(3).

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

# 008 [25 Pa. Code §129.62]

[General standards for bulk gasoline terminals/plants, and small gasoline storage tanks](#)

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

# 009 [25 Pa. Code §129.62]

[General standards for bulk gasoline terminals/plants, and small gasoline storage tanks](#)

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

## SECTION D. Source Level Requirements

### IV. RECORDKEEPING REQUIREMENTS.

# 010 [25 Pa. Code §127.441]

#### Operating permit terms and conditions.

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

(b) The permittee shall maintain a log of all instances of unusual occurrences, deviations or exceedances of the Lower Explosive Limit, monitored accordance with Section D, Source Level Requirement, Condition #008. Each such incident shall be clearly identified.

# 011 [25 Pa. Code §129.62]

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

(a) Recordkeeping shall be as follows:

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

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

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

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

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

# 012 Elective Restriction

The Permittee shall maintain records of daily throughput of gasoline dispensed from the loading rack. These records shall be retained in accordance with General State Only requirement #020, and shall be made available to the Department on request.



## SECTION D. Source Level Requirements

### V. REPORTING REQUIREMENTS.

# 013 [25 Pa. Code §127.441]

#### Operating permit terms and conditions.

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

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

# 014 Elective Restriction

The permittee shall observe the following reporting requirements to demonstrate compliance with the elective restriction imposed for the purpose of escaping Gasoline Distributor MACT:

(a) At the end of each calendar quarter, the permittee shall, using the daily throughput records, create a 12-month rolling summation report of the throughput of gasoline (for both with and without MTBE) for each of the three (3) consecutive 12-month periods ending in the quarter. These throughput reports shall be submitted to the Department within thirty (30) days of the end of each quarter.

### VI. WORK PRACTICE REQUIREMENTS.

# 015 [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.

# 016 [25 Pa. Code §129.62]

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

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

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

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

(i) Gauge pressure from exceeding 18 inches of H<sub>2</sub>O (4500 pascals) and vacuum from exceeding 6 inches of water (1500 pascals) in the gasoline tank truck.

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

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

## SECTION D. Source Level Requirements

(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. Upon demonstration by the owner or operator of an underground small gasoline storage tank that the vapor balance system specified in paragraph (1) will achieve a 90% vapor recovery efficiency without a pressure and vacuum relief valve and that an interlock system, sufficient to ensure connection of the vapor recovery line prior to delivery of the gasoline, will be used--no pressure and vacuum relief valve is required. The vacuum setting on the pressure and vacuum relief valve on an underground storage tank may be set at the lowest vacuum setting which is sufficient to keep the vent closed at zero pressure and vacuum.

(c) A person may not allow a gasoline tank truck subject to 129.59, 129.60 or 129.61 to be filled or emptied in a geographic area specified in 129.61(a) 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 H<sub>2</sub>O) in 5 minutes when pressurized to a gauge pressure of 18 inches of H<sub>2</sub>O (4,500 pascals) or evacuated to a gauge pressure of 6 inches of H<sub>2</sub>O (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.

## VII. ADDITIONAL REQUIREMENTS.

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

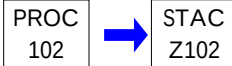
**SECTION D. Source Level Requirements**

Source ID: 102

Source Name: DISTILLATE TRUCK LOADING

Source Capacity / Throughput: 96,000.000 Gal / HR

DISTILLATE FUELS

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

# 001 Elective Restriction

The annual throughput of distillate fuels through the loading rack shall not exceed 180,000,000 gallons during any consecutive 12 month period.

**II. TESTING REQUIREMENTS.**

No additional testing requirements exist except as provided in other sections of this permit including Section B (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.**

# 002 Elective Restriction

The permittee shall, on a daily basis, maintain a record of the total throughput of distillate fuel dispensed through the loading rack in units of gallons or liters.

**V. REPORTING REQUIREMENTS.**

# 003 Elective Restriction

The permittee shall observe the following recordkeeping and reporting requirements to demonstrate compliance with the elective restriction imposed for the purpose of escaping Gasoline Distributor MACT:

(a) At the end of each calendar quarter, the permittee shall, using the daily throughput of distillate fuels for each 12-month period ending in the previous three (3) months. These throughput reports shall be submitted to the Department within thirty (30) days of the end of each quarter.

**VI. WORK PRACTICE REQUIREMENTS.**

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

**VII. ADDITIONAL REQUIREMENTS.**

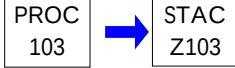
No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

## SECTION D. Source Level Requirements

Source ID: 103

Source Name: FUGITIVE EMISSIONS(PUMPS,VALVES,FLANGES)

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).

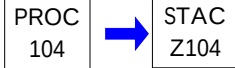
## SECTION D. Source Level Requirements

Source ID: 104

Source Name: STORAGE TANK 4

Source Capacity/Throughput:

Conditions for this source occur in the following groups: GROUP 1



### I. RESTRICTIONS.

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

### II. TESTING REQUIREMENTS.

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

### III. MONITORING REQUIREMENTS.

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

### IV. RECORDKEEPING REQUIREMENTS.

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

### V. REPORTING REQUIREMENTS.

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

### VI. WORK PRACTICE REQUIREMENTS.

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

### VII. ADDITIONAL REQUIREMENTS.

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

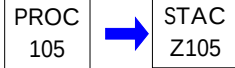
## SECTION D. Source Level Requirements

Source ID: 105

Source Name: STORAGE TANK 5

Source Capacity/Throughput:

Conditions for this source occur in the following groups: GROUP 1



### 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).

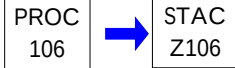
## SECTION D. Source Level Requirements

Source ID: 106

Source Name: STORAGE TANK 6

Source Capacity/Throughput:

Conditions for this source occur in the following groups: GROUP 1



### 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).

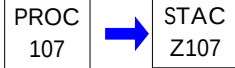
## SECTION D. Source Level Requirements

Source ID: 107

Source Name: STORAGE TANK 7

Source Capacity/Throughput:

Conditions for this source occur in the following groups: GROUP 1



### 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).



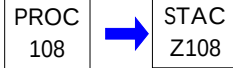
## SECTION D. Source Level Requirements

Source ID: 108

Source Name: STORAGE TANK 8

Source Capacity/Throughput:

Conditions for this source occur in the following groups: GROUP 2



### 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).

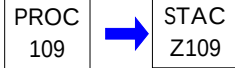
## SECTION D. Source Level Requirements

Source ID: 109

Source Name: STORAGE TANK 9

Source Capacity/Throughput:

Conditions for this source occur in the following groups: GROUP 1



### 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).

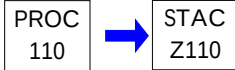
## SECTION D. Source Level Requirements

Source ID: 110

Source Name: STORAGE TANK 10

Source Capacity/Throughput:

Conditions for this source occur in the following groups: GROUP 2



### 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).

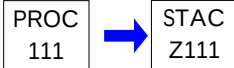
**SECTION D. Source Level Requirements**

Source ID: 111

Source Name: STORAGE TANK 11

Source Capacity/Throughput:

Conditions for this source occur in the following groups: GROUP 1

**I. RESTRICTIONS.****Control Device Efficiency Restriction(s).**

# 001 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.112]

[Subpart K - Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978](#)[Standard for volatile organic compounds \(VOC\).](#)

(a) The owner or operator of this storage vessel shall store petroleum liquids as follows:

(1) If the true vapor pressure of the petroleum liquid, as stored, is equal to or greater than 78 mm Hg (1.5 psia) but not greater than 570 mm Hg (11.1 psia), the storage vessel shall be equipped with a floating roof, a vapor recovery system, or their equivalents.

(2) If the true vapor pressure of the petroleum liquid as stored is greater than 570 mm Hg (11.1 psia), the storage vessel shall be equipped with a vapor recovery system or its equivalent.

**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.**

# 002 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.113]

[Subpart K - Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978](#)[Monitoring of operations.](#)

(a) The permittee shall maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period.

(b) The permittee shall use the available data on the typical Reid vapor pressure and the maximum expected storage temperature of the stored product may be used to determine the maximum true vapor pressure from nomographs contained in API Bulletin 2517, unless the Department specifically requests that the liquid be sampled, the actual storage temperature determined, and the Reid vapor pressure determined from the sample(s).

(c) The true vapor pressure of each type of crude oil with a Reid vapor pressure less than 13.8 kPa (2.0 psia) or whose physical properties preclude determination by the recommended method is to be determined from available data and recorded if the estimated true vapor pressure is greater than 6.9 kPa (1.0 psia).

## SECTION D. Source Level Requirements

### IV. RECORDKEEPING REQUIREMENTS.

# 003 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.113]

Subpart K - Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978

Monitoring of operations.

The permittee shall record, at the minimum, the following information relating to the records of the petroleum liquid stored:

- (1) The petroleum liquid stored,
- (2) The period of storage, and
- (3) The maximum true vapor pressure of that liquid during the respective storage period.

The measurements, records and other data shall be maintained in accordance with General State Only Requirement #020, Section B.

### 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.

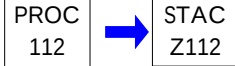
No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

## SECTION D. Source Level Requirements

Source ID: 112

Source Name: OIL / WATER SEPARATOR

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 D. Source Level Requirements

Source ID: 113

Source Name: HEATING OIL STORAGE TANK

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.

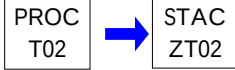
No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

## SECTION D. Source Level Requirements

Source ID: T02

Source Name: ADDITIVE TANK

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 1

Group Description: TANKS WITH INTERNAL FLOATING ROOF

Sources included in this group:

| ID  | Name            |
|-----|-----------------|
| 104 | STORAGE TANK 4  |
| 105 | STORAGE TANK 5  |
| 106 | STORAGE TANK 6  |
| 107 | STORAGE TANK 7  |
| 109 | STORAGE TANK 9  |
| 111 | STORAGE TANK 11 |

**I. RESTRICTIONS.**

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

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

# 001 [25 Pa. Code §129.56]

Storage tanks greater than 40,000 gallons capacity containing VOCs

The permittee shall perform routine inspections of the internal floating roof of each storage tank annually in order to insure compliance with Source Group Level Requirement, Condition #004, subsection (a). The inspection shall include a visual inspection of the tank seals made through the roof hatch of the storage tank.

# 002 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.113b]

Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984

Testing and procedures.

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

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

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

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

**SECTION E. Source Group Restrictions.**

event shall inspections conducted in accordance with this provision occur at intervals greater than 10 years.

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

**IV. RECORDKEEPING REQUIREMENTS.**

# 003 [25 Pa. Code §129.56]

**Storage tanks greater than 40,000 gallons capacity containing VOCs**

The permittee shall maintain records of the results of the inspections performed as required under Source Group Level Requirement, Condition #001.

# 004 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.115b]

**Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984**  
**Reporting and recordkeeping requirements.**

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

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

(a) The permittee shall keep a record of each inspection performed as required by Section E, Source Group 1, Condition #002(a) & (b). Each record shall identify the storage vessel on which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment (seals, internal floating roof, and fittings).

(b) If any of the conditions described in Source Group 1, Condition #002(a) are detected during the annual visual inspection required by Source Group 1, Condition #002, a report shall be furnished to the Department within 30 days of the inspection. Each report shall identify the storage vessel, the nature of the defects, and the date the storage vessel was emptied or the nature of and date the repair was made.

(c) After each inspection required by Source Group 1, Condition #002(b) that finds holes or tears in the seal or seal fabric, or defects in the internal floating roof, or other control equipment defects listed in Source Group 1, Condition #002(b), a report shall be furnished to the Department within 30 days of the inspection. The report shall identify the storage vessel and the reason it did not meet the specifications of Source Group 1, Condition #002(b) and list each repair made.

# 005 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.116b]

**Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984**  
**Monitoring of operations.**

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

(a) The permittee shall keep readily accessible records showing the dimensions of each storage vessel and an analysis showing the capacities of each storage vessel. These records shall be maintained for the duration of the site.

## SECTION E. Source Group Restrictions.

- (b) The permittee shall maintain a record of the Volatile Organic Liquid (VOL) stored in this tank, the period of storage, and the maximum true vapor pressure of that VOL during the respective storage period.
- (c) The permittee shall notify the Department within 30 days when the maximum true vapor pressure of the liquid stored in this tank exceeds the respective maximum true vapor pressure values for each volume range.
- (d) Available data on the storage temperature may be used to determine the maximum true vapor pressure as determined below.

(1) For vessels operated above or below ambient temperatures, the maximum true vapor pressure is calculated based upon the highest expected calendar-month average of the storage temperature. For vessels operated at ambient temperatures, the maximum true vapor pressure is calculated based upon the maximum local monthly average ambient temperature as reported by the National Weather Service.

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

(i) Available data on the Reid vapor pressure and the maximum expected storage temperature based on the highest expected calendar-month average temperature of the stored product may be used to determine the maximum true vapor pressure from nomographs contained in API Bulletin 2517 (incorporated by reference--see 40 CFR Part 60, Subpart 60.17), unless the Department specifically requests that the liquid be sampled, the actual storage temperature determined, and the Reid vapor pressure determined from the sample(s).

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

(3) For other liquids, the vapor pressure:

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

## V. REPORTING REQUIREMENTS.

# 006 [25 Pa. Code §127.442]

### Reporting requirements.

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

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

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

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

## SECTION E. Source Group Restrictions.

# 007 [25 Pa. Code §129.56]

**Storage tanks greater than 40,000 gallons capacity containing VOCs**

(a) The permittee shall compile a report of each annual inspection of the internal floating roofs, as required by Source Group Level Requirement, Condition #001.

Each such report shall contain, but not be limited to, the following information:

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

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

## VI. WORK PRACTICE REQUIREMENTS.

# 008 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

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

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

# 009 [25 Pa. Code §129.56]

**Storage tanks greater than 40,000 gallons capacity containing VOCs**

(a) Each 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.

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

- (1) Which contain a petroleum liquid with a true vapor pressure less than 4 psia (27.6 kilopascals) and which are of welded

**SECTION E. Source Group Restrictions.**

construction and which presently possess a metallic-type shoe seal, a liquid-mounted foam seal, a liquid-mounted liquid filled type seal, or other closure device of demonstrated equivalence approved by the Department.

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

# 010 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.112b]

[Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels \(Including Petroleum Liquid Storage Vessels\) for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984](#)

[Standard for volatile organic compounds \(VOC\).](#)

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

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

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

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

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

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

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

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

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

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

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

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



## SECTION E. Source Group Restrictions.

### VII. ADDITIONAL REQUIREMENTS.

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

## SECTION E. Source Group Restrictions.

Group Name: GROUP 2

Group Description: TANKS WITH FIXED ROOF

Sources included in this group:

| ID  | Name            |
|-----|-----------------|
| 108 | STORAGE TANK 8  |
| 110 | STORAGE TANK 10 |

### 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 Section E, Source Group 2, Condition #004 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 hour of occurrence, shall notify the Department, at (570) 826-2511, 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.

### II. TESTING REQUIREMENTS.

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

**SECTION E. Source Group Restrictions.****III. MONITORING REQUIREMENTS.**

# 002 [25 Pa. Code §129.56]

**Storage tanks greater than 40,000 gallons capacity containing VOCs**

The permittee shall perform routine inspections of the floating roof each storage tank annually in order to insure compliance with Section E, Source Group 2, Condition #007. The inspection shall include a visual inspection of the tank seals made through the roof hatch of the storage tank.

**IV. RECORDKEEPING REQUIREMENTS.**

# 003 [25 Pa. Code §129.56]

**Storage tanks greater than 40,000 gallons capacity containing VOCs**

The permittee shall maintain records of the results of the inspections performed as required under Section E, Source Group 2, Condition #004.

**V. REPORTING REQUIREMENTS.**

# 004 [25 Pa. Code §129.56]

**Storage tanks greater than 40,000 gallons capacity containing VOCs**

(a) The permittee shall compile a report of each annual inspection of the internal floating roofs, as required by Section E, Source Group 2, Condition #004. Each such report shall contain, but not be limited to, the following information:

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

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

**VI. WORK PRACTICE REQUIREMENTS.**

# 005 [25 Pa. Code §129.56]

**Storage tanks greater than 40,000 gallons capacity containing VOCs**

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

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

**VII. ADDITIONAL REQUIREMENTS.**

# 006 [25 Pa. Code §129.56]

**Storage tanks greater than 40,000 gallons capacity containing VOCs**

The permittee shall not store a petroleum liquid in any Fixed Roof Tank which, as stored, has a true vapor pressure equal to or greater than 1.5 psia (10.5 kilopascals).





## SECTION F. Alternative Operation Requirements.

No Alternative Operations exist for this State Only facility.

**SECTION G. Emission Restriction Summary.**

Source Id

Source Description

## Site Emission Restriction Summary

| Emission Limit | Pollutant |
|----------------|-----------|
| 50.000 Tons/Yr | VOC       |



## SECTION H. Miscellaneous.

- (a) The Department received the operating permit application for this facility on 03/31/2008.
- (b) This permit is a renewal of Operating Permit No. 54-00015.
- (c) This is a Synthetic Minor Operating Permit facility.



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

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