



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
AIR QUALITY PROGRAM

**TITLE V/STATE OPERATING PERMIT**

Issue Date: March 24, 2021  
Expiration Date: March 23, 2026

Effective Date: March 24, 2021

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

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

**TITLE V Permit No: 23-00045**

Federal Tax Id - Plant Code: 23-3102655-10

Owner Information

Name: SUNOCO PARTNERS MKT & TERMLP  
Mailing Address: 3801 WEST CHESTER PIKE  
NEWTOWN SQUARE, PA 19073-2320

Plant Information

Plant: SUNOCO PARTNERS MKT & TERMLP/TWIN OAKS TERM  
Location: 23 Delaware County 23833 Upper Chichester Township  
SIC Code: 5171 Wholesale Trade - Petroleum Bulk Stations And Terminals

Responsible Official

Name: LOUIS GONZALVES  
Title: DIR TERMINAL OPS  
Phone: (610) 859 - 5403

Permit Contact Person

Name: MICHAEL BILLMAN  
Title: TERMINAL MGR  
Phone: (215) 778 - 0206

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



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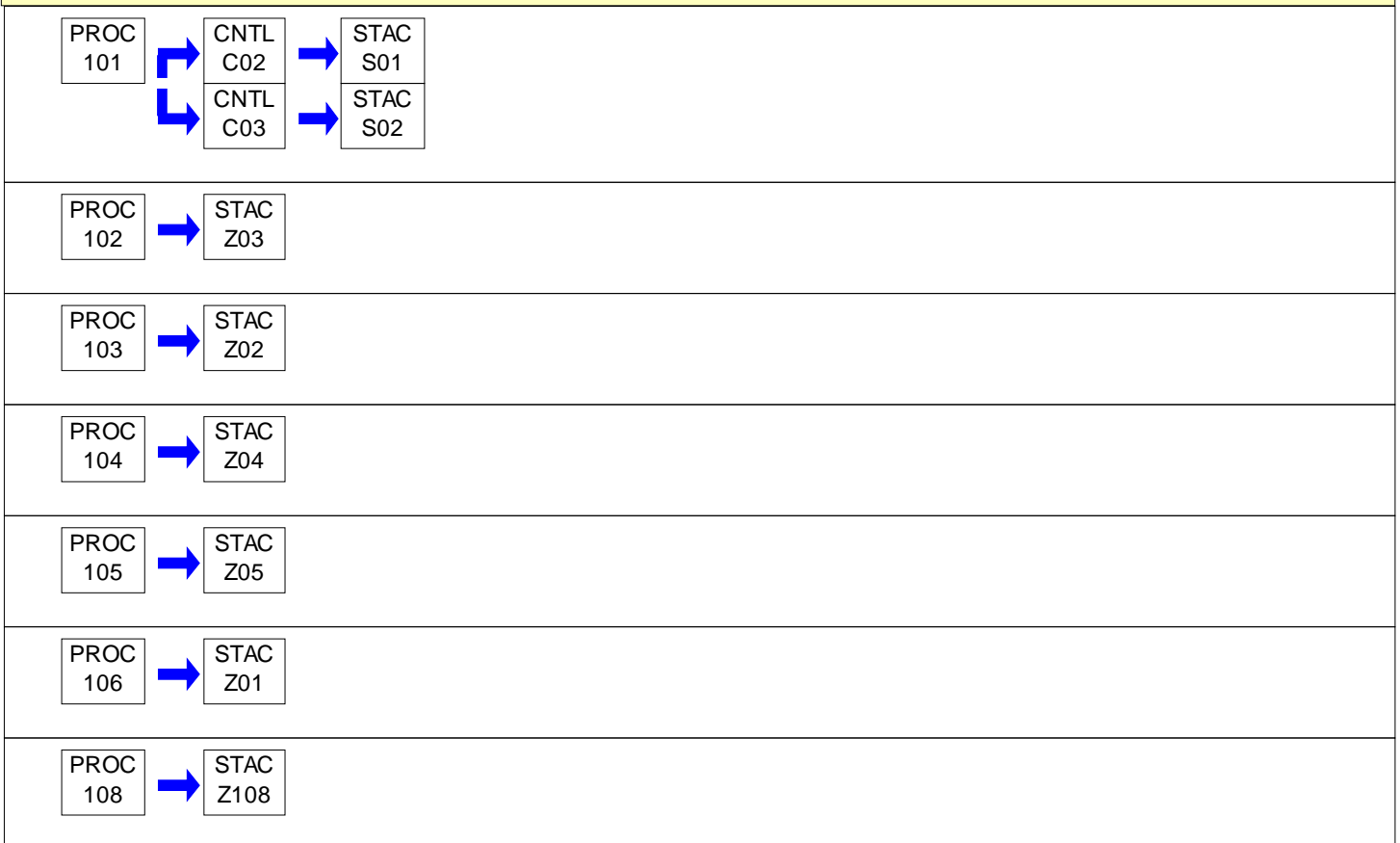
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**SECTION A. Site Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
101	GASOLINE LOADING RACK	N/A	GASOLINE
102	TANK 2 (INT.FL.RF.) {725,285 GALLONS}	N/A	GASOLINE
103	TANK 1 (FIXED) {1,112,534 GALLONS}	N/A	DISTILLATE OIL
104	TANK 3 (INT.FL.RF.) {721,309 GALLONS}	N/A	GASOLINE
105	TANK 4 (INT.FL.RF.) {737,741 GALLONS}	N/A	GASOLINE
106	FUEL OIL LOADING RACK	N/A	DISTILLATE OIL
108	TANK 11: ETHANOL TANK (INT.FL.RF.) {420,000 GALLONS}	N/A	ETHANOL
C02	ENCLOSED VAPOR COMBUSTION BACK UP SYSTEM	N/A	PROPANE/NAT'L GAS
C03	VAPOR RECOVERY UNIT, JOHN ZINK S3-AAD-6-90-80-10		
S01	GASOLINE LOADING RACK EMISSIONS		
S02	STACK FOR C03 VAPOR RECOVERY UNIT, JOHN ZINK		
Z01	FUEL OIL LOADING RACK FUGITIVE EMISSIONS		
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Z04	TANK 3 FUGITIVE EMISSIONS		
Z05	TANK 4 FUGITIVE EMISSIONS		
Z108	ETHANOL TANK		

**PERMIT MAPS**



**SECTION B. General Title V Requirements****#001 [25 Pa. Code § 121.1]****Definitions**

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

**#002 [25 Pa. Code § 121.7]****Prohibition of Air Pollution**

No person may permit air pollution as that term is defined in the act.

**#003 [25 Pa. Code § 127.512(c)(4)]****Property Rights**

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

**#004 [25 Pa. Code § 127.446(a) and (c)]****Permit Expiration**

This operating permit is issued for a fixed term of five (5) years and shall expire on the date specified on Page 1 of this permit. The terms and conditions of the expired permit shall automatically continue pending issuance of a new Title V permit, provided the permittee has submitted a timely and complete application and paid applicable fees required under 25 Pa. Code Chapter 127, Subchapter I and the Department is unable, through no fault of the permittee, to issue or deny a new permit before the expiration of the previous permit. An application is complete if it contains sufficient information to begin processing the application, has the applicable sections completed and has been signed by a responsible official.

**#005 [25 Pa. Code §§ 127.412, 127.413, 127.414, 127.446(e), 127.503 & 127.704(b)]****Permit Renewal**

(a) An application for the renewal of the Title V permit shall be submitted to the Department at least six (6) months, and not more than 18 months, before the expiration date of this permit. The renewal application is timely if a complete application is submitted to the Department's Regional Air Manager within the timeframe specified in this permit condition.

(b) The application for permit renewal shall include the current permit number, the appropriate permit renewal fee, a description of any permit revisions and off-permit changes that occurred during the permit term, and any applicable requirements that were promulgated and not incorporated into the permit during the permit term. The fees shall be made payable to "The Commonwealth of Pennsylvania Clean Air Fund" and submitted with the fee form to the respective regional office.

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

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

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

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

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

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

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

**SECTION B. General Title V Requirements**

the Department.

(b) In accordance with 25 Pa. Code § 127.464(a), this permit may not be transferred to another person except in cases of transfer-of-ownership which are documented and approved to the satisfaction of the Department.

**#007 [25 Pa. Code § 127.513, 35 P.S. § 4008 and § 114 of the CAA]****Inspection and Entry**

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

- (1) Enter at reasonable times upon the permittee's premises where a Title V source is located or emissions related activity is conducted, or where records are kept under the conditions of this permit;
- (2) Have access to and copy or remove, at reasonable times, records that are kept under the conditions of this permit;
- (3) Inspect at reasonable times, facilities, equipment including monitoring and air pollution control equipment, practices, or operations regulated or required under this permit;
- (4) Sample or monitor, at reasonable times, substances or parameters, for the purpose of assuring compliance with the permit or applicable requirements as authorized by the Clean Air Act, the Air Pollution Control Act, or the regulations promulgated under the Acts.

(b) Pursuant to 35 P.S. § 4008, no person shall hinder, obstruct, prevent or interfere with the Department or its personnel in the performance of any duty authorized under the Air Pollution Control Act.

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

**#008 [25 Pa. Code §§ 127.25, 127.444, & 127.512(c)(1)]****Compliance Requirements**

(a) The permittee shall comply with the conditions of this permit. Noncompliance with this permit constitutes a violation of the Clean Air Act and the Air Pollution Control Act and is grounds for one (1) or more of the following:

- (1) Enforcement action
- (2) Permit termination, revocation and reissuance or modification
- (3) Denial of a permit renewal application

(b) A person may not cause or permit the operation of a source, which is subject to 25 Pa. Code Article III, unless the source(s) and air cleaning devices identified in the application for the plan approval and operating permit and the plan approval issued to the source are operated and maintained in accordance with specifications in the applications and the conditions in the plan approval and operating permit issued by the Department. A person may not cause or permit the operation of an air contamination source subject to 25 Pa. Code Chapter 127 in a manner inconsistent with good operating practices.

(c) For purposes of Sub-condition (b) of this permit condition, the specifications in applications for plan approvals and operating permits are the physical configurations and engineering design details which the Department determines are essential for the permittee's compliance with the applicable requirements in this Title V permit.

**#009 [25 Pa. Code § 127.512(c)(2)]****Need to Halt or Reduce Activity Not a Defense**

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

**SECTION B. General Title V Requirements****#010 [25 Pa. Code §§ 127.411(d) & 127.512(c)(5)]****Duty to Provide Information**

(a) The permittee shall furnish to the Department, within a reasonable time, information that the Department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit, or to determine compliance with the permit.

(b) Upon request, the permittee shall also furnish to the Department copies of records that the permittee is required to keep by this permit, or for information claimed to be confidential, the permittee may furnish such records directly to the Administrator of EPA along with a claim of confidentiality.

**#011 [25 Pa. Code §§ 127.463, 127.512(c)(3) & 127.542]****Reopening and Revising the Title V Permit for Cause**

(a) This Title V permit may be modified, revoked, reopened and reissued or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay a permit condition.

(b) This permit may be reopened, revised and reissued prior to expiration of the permit under one or more of the following circumstances:

(1) Additional applicable requirements under the Clean Air Act or the Air Pollution Control Act become applicable to a Title V facility with a remaining permit term of three (3) or more years prior to the expiration date of this permit. The Department will revise the permit as expeditiously as practicable but not later than 18 months after promulgation of the applicable standards or regulations. No such revision is required if the effective date of the requirement is later than the expiration date of this permit, unless the original permit or its terms and conditions has been extended.

(2) Additional requirements, including excess emissions requirements, become applicable to an affected source under the acid rain program. Upon approval by the Administrator of EPA, excess emissions offset plans for an affected source shall be incorporated into the permit.

(3) The Department or the EPA determines that this permit contains a material mistake or inaccurate statements were made in establishing the emissions standards or other terms or conditions of this permit.

(4) The Department or the Administrator of EPA determines that the permit must be revised or revoked to assure compliance with the applicable requirements.

(c) Proceedings to revise this permit shall follow the same procedures which apply to initial permit issuance and shall affect only those parts of this permit for which cause to revise exists. The revision shall be made as expeditiously as practicable.

(d) Regardless of whether a revision is made in accordance with (b)(1) above, the permittee shall meet the applicable standards or regulations promulgated under the Clean Air Act within the time frame required by standards or regulations.

**#012 [25 Pa. Code § 127.543]****Reopening a Title V Permit for Cause by EPA**

As required by the Clean Air Act and regulations adopted thereunder, this permit may be modified, reopened and reissued, revoked or terminated for cause by EPA in accordance with procedures specified in 25 Pa. Code § 127.543.

**#013 [25 Pa. Code § 127.522(a)]****Operating Permit Application Review by the EPA**

The applicant may be required by the Department to provide a copy of the permit application, including the compliance plan, directly to the Administrator of the EPA. Copies of title V permit applications to EPA, pursuant to 25 PA Code §127.522(a), shall be submitted, if required, to the following EPA e-mail box:

R3\_Air\_Apps\_and\_Notices@epa.gov

Please place the following in the subject line: TV [permit number], [Facility Name].

**SECTION B. General Title V Requirements****#014 [25 Pa. Code § 127.541]****Significant Operating Permit Modifications**

When permit modifications during the term of this permit do not qualify as minor permit modifications or administrative amendments, the permittee shall submit an application for significant Title V permit modifications in accordance with 25 Pa. Code § 127.541. Notifications to EPA, pursuant to 25 PA Code §127.522(a), if required, shall be submitted, to the following EPA e-mail box:

R3\_Air\_Apps\_and\_Notices@epa.gov

Please place the following in the subject line: TV [permit number], [Facility Name].

**#015 [25 Pa. Code §§ 121.1 & 127.462]****Minor Operating Permit Modifications**

The permittee may make minor operating permit modifications (as defined in 25 Pa. Code §121.1), on an expedited basis, in accordance with 25 Pa. Code §127.462 (relating to minor operating permit modifications). Notifications to EPA, pursuant to 25 PA Code §127.462(c), if required, shall be submitted, to the following EPA e-mail box:

R3\_Air\_Apps\_and\_Notices@epa.gov

Please place the following in the subject line: TV [permit number], [Facility Name].

**#016 [25 Pa. Code § 127.450]****Administrative Operating Permit Amendments**

(a) The permittee may request administrative operating permit amendments, as defined in 25 Pa. Code §127.450(a). Copies of request for administrative permit amendment to EPA, pursuant to 25 PA Code §127.450(c)(1), if required, shall be submitted to the following EPA e-mail box:

R3\_Air\_Apps\_and\_Notices@epa.gov

Please place the following in the subject line: TV [permit number], [Facility Name].

(b) Upon final action by the Department granting a request for an administrative operating permit amendment covered under §127.450(a)(5), the permit shield provisions in 25 Pa. Code § 127.516 (relating to permit shield) shall apply to administrative permit amendments incorporated in this Title V Permit in accordance with §127.450(c), unless precluded by the Clean Air Act or the regulations thereunder.

**#017 [25 Pa. Code § 127.512(b)]****Severability Clause**

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

**#018 [25 Pa. Code §§ 127.704, 127.705 & 127.707]****Fee Payment**

(a) The permittee shall pay fees to the Department in accordance with the applicable fee schedules in 25 Pa. Code Chapter 127, Subchapter I (relating to plan approval and operating permit fees). The applicable fees shall be made payable to "The Commonwealth of Pennsylvania Clean Air Fund" with the permit number clearly indicated and submitted to the respective regional office.

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

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



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

(e) The permittee shall pay an annual operating permit maintenance fee according to the following fee schedule established in 25 Pa. Code § 127.704(d) on or before December 31 of each year for the next calendar year.

(1) Eight thousand dollars (\$8,000) for calendar years 2021—2025.

(2) Ten thousand dollars (\$10,000) for calendar years 2026—2030.

(3) Twelve thousand five hundred dollars (\$12,500) for the calendar years beginning with 2031.

**#019 [25 Pa. Code §§ 127.14(b) & 127.449]****Authorization for De Minimis Emission Increases**

(a) This permit authorizes de minimis emission increases from a new or existing source in accordance with 25 Pa. Code §§ 127.14 and 127.449 without the need for a plan approval or prior issuance of a permit modification. The permittee shall provide the Department with seven (7) days prior written notice before commencing any de minimis emissions increase that would result from either: (1) a physical change of minor significance under § 127.14(c)(1); or (2) the construction, installation, modification or reactivation of an air contamination source. The written notice shall:

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

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

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

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

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

(2) One ton of NO<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 Act unless precluded by the Clean Air Act or 25 Pa. Code Article III.

(5) One ton of VOCs from a single source during the term of the permit and 5.0 tons of VOCs at the facility during the term of the permit. This shall include emissions of a pollutant regulated under Section 112 of the Clean Air Act unless precluded by the Clean Air Act or 25 Pa. Code Article III.

(c) In accordance with § 127.14, the permittee may install the following minor sources without the need for a plan approval:

(1) Air conditioning or ventilation systems not designed to remove pollutants generated or released from other sources.

(2) Combustion units rated at 2,500,000 or less Btu per hour of heat input.

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(3) Combustion units with a rated capacity of less than 10,000,000 Btu per hour heat input fueled by natural gas supplied by a public utility, liquefied petroleum gas or by commercial fuel oils which are No. 2 or lighter, viscosity less than or equal to 5.82 c St, and which meet the sulfur content requirements of 25 Pa. Code § 123.22 (relating to combustion units). For purposes of this permit, commercial fuel oil shall be virgin oil which has no reprocessed, recycled or waste material added.

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

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

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

(d) This permit does not authorize de minimis emission increases if the emissions increase would cause one or more of the following:

(1) Increase the emissions of a pollutant regulated under Section 112 of the Clean Air Act except as authorized in Subparagraphs (b)(4) and (5) of this permit condition.

(2) Subject the facility to the prevention of significant deterioration requirements in 25 Pa. Code Chapter 127, Subchapter D and/or the new source review requirements in Subchapter E.

(3) Violate any applicable requirement of the Air Pollution Control Act, the Clean Air Act, or the regulations promulgated under either of the acts.

(4) Changes which are modifications under any provision of Title I of the Clean Air Act and emission increases which would exceed the allowable emissions level (expressed as a rate of emissions or in terms of total emissions) under the Title V permit.

(e) Unless precluded by the Clean Air Act or the regulations thereunder, the permit shield described in 25 Pa. Code § 127.516 (relating to permit shield) shall extend to the changes made under 25 Pa. Code § 127.449 (relating to de minimis emission increases).

(f) Emissions authorized under this permit condition shall be included in the monitoring, recordkeeping and reporting requirements of this permit.

(g) Except for de minimis emission increases allowed under this permit, 25 Pa. Code § 127.449, or sources and physical changes meeting the requirements of 25 Pa. Code § 127.14, the permittee is prohibited from making physical changes or engaging in activities that are not specifically authorized under this permit without first applying for a plan approval. In accordance with § 127.14(b), a plan approval is not required for the construction, modification, reactivation, or installation of the sources creating the de minimis emissions increase.

(h) The permittee may not meet de minimis emission threshold levels by offsetting emission increases or decreases at the same source.

**#020 [25 Pa. Code §§ 127.11a & 127.215]****Reactivation of Sources**

(a) The permittee may reactivate a source at the facility that has been out of operation or production for at least one year, but less than or equal to five (5) years, if the source is reactivated in accordance with the requirements of 25 Pa. Code §§ 127.11a and 127.215. The reactivated source will not be considered a new source.

(b) A source which has been out of operation or production for more than five (5) years but less than 10 years may be reactivated and will not be considered a new source if the permittee satisfies the conditions specified in 25 Pa. Code § 127.11a(b).

**#021 [25 Pa. Code §§ 121.9 & 127.216]****Circumvention**

(a) The owner of this Title V facility, or any other person, may not circumvent the new source review requirements of 25 Pa. Code Chapter 127, Subchapter E by causing or allowing a pattern of ownership or development, including the

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phasing, staging, delaying or engaging in incremental construction, over a geographic area of a facility which, except for the pattern of ownership or development, would otherwise require a permit or submission of a plan approval application.

(b) No person may permit the use of a device, stack height which exceeds good engineering practice stack height, dispersion technique or other technique which, without resulting in reduction of the total amount of air contaminants emitted, conceals or dilutes an emission of air contaminants which would otherwise be in violation of this permit, the Air Pollution Control Act or the regulations promulgated thereunder, except that with prior approval of the Department, the device or technique may be used for control of malodors.

**#022 [25 Pa. Code §§ 127.402(d) & 127.513(1)]****Submissions**

(a) Reports, test data, monitoring data, notifications and requests for renewal of the permit shall be submitted to the:

Regional Air Program Manager  
PA Department of Environmental Protection  
(At the address given on the permit transmittal letter, or otherwise notified)

(b) Any report or notification for the EPA Administrator or EPA Region III should be addressed to:

Enforcement & Compliance Assurance Division  
Air, RCRA and Toxics Branch  
Air Section  
1650 Arch Street, 3ED21  
Philadelphia, PA 19103

The Title V compliance certification shall be emailed to EPA at R3\_APD\_Permits@epa.gov.

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

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

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

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

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

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

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

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(5) The results of the analyses.

(6) The operating conditions as existing at the time of sampling or measurement.

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

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

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

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

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

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

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

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

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

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

(b) The compliance certification shall be postmarked or hand-delivered no later than thirty days after each anniversary of the date of issuance of this Title V Operating Permit, or on the submittal date specified elsewhere in the permit, to the Department in accordance with the submission requirements specified in Section B, Condition #022 of this permit. The Title V compliance certification shall be emailed to EPA at R3\_APD\_Permits@epa.gov.

**SECTION B. General Title V Requirements****#027 [25 Pa. Code § 127.3]****Operational Flexibility**

The permittee is authorized to make changes within the Title V facility in accordance with the following provisions in 25 Pa. Code Chapter 127 which implement the operational flexibility requirements of Section 502(b)(10) of the Clean Air Act and Section 6.1(i) of the Air Pollution Control Act:

- (1) Section 127.14 (relating to exemptions)
- (2) Section 127.447 (relating to alternative operating scenarios)
- (3) Section 127.448 (relating to emissions trading at facilities with federally enforceable emissions caps)
- (4) Section 127.449 (relating to de minimis emission increases)
- (5) Section 127.450 (relating to administrative operating permit amendments)
- (6) Section 127.462 (relating to minor operating permit amendments)
- (7) Subchapter H (relating to general plan approvals and operating permits)

**#028 [25 Pa. Code §§ 127.441(d), 127.512(i) and 40 CFR Part 68]****Risk Management**

(a) If required by Section 112(r) of the Clean Air Act, the permittee shall develop and implement an accidental release program consistent with requirements of the Clean Air Act, 40 CFR Part 68 (relating to chemical accident prevention provisions) and the Federal Chemical Safety Information, Site Security and Fuels Regulatory Relief Act (P.L. 106-40).

(b) The permittee shall prepare and implement a Risk Management Plan (RMP) which meets the requirements of Section 112(r) of the Clean Air Act, 40 CFR Part 68 and the Federal Chemical Safety Information, Site Security and Fuels Regulatory Relief Act when a regulated substance listed in 40 CFR § 68.130 is present in a process in more than the listed threshold quantity at the Title V facility. The permittee shall submit the RMP to the federal Environmental Protection Agency according to the following schedule and requirements:

- (1) The permittee shall submit the first RMP to a central point specified by EPA no later than the latest of the following:
  - (i) Three years after the date on which a regulated substance is first listed under § 68.130; or,
  - (ii) The date on which a regulated substance is first present above a threshold quantity in a process.

(2) The permittee shall submit any additional relevant information requested by the Department or EPA concerning the RMP and shall make subsequent submissions of RMPs in accordance with 40 CFR § 68.190.

(3) The permittee shall certify that the RMP is accurate and complete in accordance with the requirements of 40 CFR Part 68, including a checklist addressing the required elements of a complete RMP.

(c) As used in this permit condition, the term "process" shall be as defined in 40 CFR § 68.3. The term "process" means any activity involving a regulated substance including any use, storage, manufacturing, handling, or on-site movement of such substances or any combination of these activities. For purposes of this definition, any group of vessels that are interconnected, or separate vessels that are located such that a regulated substance could be involved in a potential release, shall be considered a single process.

(d) If the Title V facility is subject to 40 CFR Part 68, as part of the certification required under this permit, the permittee shall:

- (1) Submit a compliance schedule for satisfying the requirements of 40 CFR Part 68 by the date specified in 40 CFR § 68.10(a); or,
- (2) Certify that the Title V facility is in compliance with all requirements of 40 CFR Part 68 including the registration and submission of the RMP.

**SECTION B. General Title V Requirements**

(e) If the Title V facility is subject to 40 CFR Part 68, the permittee shall maintain records supporting the implementation of an accidental release program for five (5) years in accordance with 40 CFR § 68.200.

(f) When the Title V facility is subject to the accidental release program requirements of Section 112(r) of the Clean Air Act and 40 CFR Part 68, appropriate enforcement action will be taken by the Department if:

(1) The permittee fails to register and submit the RMP or a revised plan pursuant to 40 CFR Part 68.

(2) The permittee fails to submit a compliance schedule or include a statement in the compliance certification required under Section B, Condition #026 of this permit that the Title V facility is in compliance with the requirements of Section 112(r) of the Clean Air Act, 40 CFR Part 68, and 25 Pa. Code § 127.512(i).

**#029 [25 Pa. Code § 127.512(e)]****Approved Economic Incentives and Emission Trading Programs**

No permit revision shall be required under approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes that are provided for in this Title V permit.

**#030 [25 Pa. Code §§ 127.516, 127.450(d), 127.449(f) & 127.462(g)]****Permit Shield**

(a) The permittee's compliance with the conditions of this permit shall be deemed in compliance with applicable requirements (as defined in 25 Pa. Code § 121.1) as of the date of permit issuance if either of the following applies:

(1) The applicable requirements are included and are specifically identified in this permit.

(2) The Department specifically identifies in the permit other requirements that are not applicable to the permitted facility or source.

(b) Nothing in 25 Pa. Code § 127.516 or the Title V permit shall alter or affect the following:

(1) The provisions of Section 303 of the Clean Air Act, including the authority of the Administrator of the EPA provided thereunder.

(2) The liability of the permittee for a violation of an applicable requirement prior to the time of permit issuance.

(3) The applicable requirements of the acid rain program, consistent with Section 408(a) of the Clean Air Act.

(4) The ability of the EPA to obtain information from the permittee under Section 114 of the Clean Air Act.

(c) Unless precluded by the Clean Air Act or regulations thereunder, final action by the Department incorporating a significant permit modification in this Title V Permit shall be covered by the permit shield at the time that the permit containing the significant modification is issued.

**#031 [25 Pa. Code §135.3]****Reporting**

(a) The permittee shall submit by March 1 of each year an annual emissions report for the preceding calendar year. The report shall include information for all active previously reported sources, new sources which were first operated during the preceding calendar year, and sources modified during the same period which were not previously reported. All air emissions from the facility should be estimated and reported.

(b) A source owner or operator may request an extension of time from the Department for the filing of an annual emissions report, and the Department may grant the extension for reasonable cause.

**#032 [25 Pa. Code §135.4]****Report Format**

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

**SECTION C. Site Level Requirements****I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §121.7]****Prohibition of air pollution.**

No person shall permit air pollution as that term is term defined in the Air Pollution Control Act (35 P.S. Section 4003).

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

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

- (1) Construction or demolition of buildings or structures.
- (2) Grading, paving and maintenance of roads and streets.
- (3) Use of roads and streets. Emissions from material in or on trucks, railroad cars and other vehicular equipment are not considered as emissions from use of roads and streets.
- (4) Clearing of land.
- (5) Stockpiling of materials.
- (6) Open burning operations.
- (7) Blasting in open pit mines. Emissions from drilling are not considered as emissions from blasting.
- (8) Coke oven batteries, provided the fugitive air contaminants emitted from any coke oven battery comply with the standards for visible fugitive emissions in § 123.44 and 129.15 (relating to limitations of visible fugitive air contaminants from operation of any coke oven battery; and coke pushing operations).
- (9) Sources and classes of sources other than those identified in paragraphs (1)-(8), 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.

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

A person shall not permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in 25 Pa. Code § 123.1(a)(1-9), if such emissions are visible at the point the emissions pass outside the person's property.

**# 004 [25 Pa. Code §123.31]****Limitations**

A person shall 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 property of the person on whose land the source is being operated.

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

No person shall permit the emission into the outdoor atmosphere of visible air contaminants in such a manner that the opacity of the emission is either of the following:

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

**SECTION C. Site Level Requirements**

(2) Equal to or greater than 60% at any time.

**# 006 [25 Pa. Code §123.42]****Exceptions**

The limitations of 25 Pa. Code § 123.41, shall not apply to visible emissions in any of the following instances:

(a) When the presence of uncombined water is the only reason for failure of the emission to meet the limitations.

(b) When the emission results from sources specified in 25 Pa. Code § 123.1(a)(1-9).

**# 007 [25 Pa. Code §129.14]****Open burning operations**

The permittee shall not permit the open burning of material in the Southeast Air Basin, except when the open burning results from:

(a) a fire set to prevent or abate a fire hazard, when approved by the Department and set by or under the supervision of a public officer;

(b) any fire set for the purpose of instructing personnel in fire fighting, when approved by the Department;

(c) a fire set for the prevention and control of disease or pests, when approved by the Department;

(d) a fire set in conjunction with the production of agricultural commodities in their unmanufactured state on the premises of the farm operation;

(e) a fire set for the purpose of burning domestic refuse, when the fire is on the premises of a structure occupied solely as a dwelling by two families or less and when the refuse results from the normal occupancy of the structure;

(f) a fire set solely for recreational or ceremonial purposes; or

(g) a fire set solely for cooking food.

**# 008 Elective Restriction**

To be exempt from the Gasoline Distribution MACT requirements, the permittee has opted to observe the following limitations:

(a) 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 not exceed 10 tons per year calculated on a twelve (12) month rolling sum.

(b) The total combined emissions of all individual HAPs defined in subparagraph (a) shall not exceed 25 tons per year calculated on a twelve (12) month rolling sum.

**II. TESTING REQUIREMENTS.****# 009 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

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

(a) If at any time the Department has cause to believe that air contaminant emissions from any source(s) listed in Section A, of this Permit, may be in excess of the limitations specified in this Permit, or established pursuant to, any applicable rule or regulation contained in 25 Pa. Code Article III, the permittee shall be required to conduct whatever tests are deemed necessary by the Department to determine the actual emission rate(s).

(b) Such testing shall be conducted in accordance with the provisions of 25 Pa. Code Chapter 139, when applicable, and in



**SECTION C. Site Level Requirements**

accordance with any restrictions or limitations established by the Department at such time as it notifies the permittee that testing is required.

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

[Additional authority for this condition is also derived from 40 CFR Part 63 Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities]

**Testing and Monitoring Requirements**

(a) In accordance with 40 CFR Section 63.11087(c) the permittee shall comply the following requirements, which are specified in 40 CFR Section 63.11092(e):

(1) For your gasoline storage tanks equipped with an internal floating roof, you must perform inspections of the floating roof system according to the requirements of 40 CFR Section 60.113b(a) if you are complying with option 2(b) in Table 1 to the Subpart BBBBBB of 40 CFR Part 63, or according to the requirements of §63.1063(c)(1) if you are complying with option 2(d) in Table 1 to the Subpart BBBBBB.

(2) For your gasoline storage tank equipped with a closed vent system and control device, you must conduct a performance test and determine a monitored operating parameter value in accordance with the requirements in paragraphs (a) through (d) of 40 CFR Section 63.11092, except that the applicable level of control specified in paragraph (a)(2) of this section shall be a 95-percent reduction in inlet total organic compounds (TOC) levels rather than 80 mg/l of gasoline loaded.

(b) In accordance with 40 CFR Section 63.11092(e), the permittee shall conduct the annual certification test for gasoline cargo tanks, which shall consist of the test methods specified below:

(1) EPA Method 27, Appendix A-8, 40 CFR part 60. Conduct the test using a time period (t) for the pressure and vacuum tests of 5 minutes. The initial pressure (Pi) for the pressure test shall be 460 millimeters (mm) of water (18 inches of water), gauge. The initial vacuum (Vi) for the vacuum test shall be 150 mm of water (6 inches of water), gauge. The maximum allowable pressure and vacuum changes for all affected gasoline cargo tanks is 3 inches of water, or less, in 5 minutes.

**# 011 elective restriction**

(a) 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 the documentation provided by the manufacturer (i.e. Safety Data Sheets, manufacturer testing results, etc.)

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

Visible emissions shall 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.

**SECTION C. Site Level Requirements****# 013 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.511]

(a) The permittee shall monitor the facility, once per operating day, for the following:

- (1) odors which may be objectionable (as per 25 Pa. Code §123.31);
- (2) visible emissions (as per 25 Pa. Code §§123.41 and 123.42); and
- (3) fugitive particulate matter (as per 25 Pa. Code §§ 123.1 and 123.2).

(b) Objectionable odors, fugitive particulate emissions, and visible emissions that are caused or may be caused by operations at the site shall:

- (1) be investigated;
- (2) be reported to the facility management, or individual(s) designated by the permittee;
- (3) have appropriate corrective action taken (for emissions that originate on-site); and
- (4) be recorded in a permanent written log.

(c) After six (6) months of daily monitoring, and upon the permittee's request, the Department will determine the feasibility of decreasing the monitoring frequency to weekly for the next six month period.

(d) After six (6) months of weekly monitoring, and upon the permittee's request, the Department will determine the feasibility of decreasing the frequency of monitoring to monthly.

(e) The Department reserves the right to change the above monitoring requirements at any time, based on but not limited to: the review of the compliance certification, complaints, monitoring results, and/or Department findings.

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

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.511.]

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

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

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

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

(a) The permittee shall keep records of any release of gasoline that is not under control, not completely contained, and not completely recovered or removed, within 24 hours of its occurrence.

A release is defined as, but not limited to:

- (1) More than twenty-five (25) gallons to a containment area, structure or facility around an above ground storage tank, or
- (2) More than five (5) gallons to a synthetic surface, such asphalt or concrete.

(b) These records shall include the following:

- (1) the date and time of the release,
- (2) the quantity and type of substance involved,
- (3) interim remedial action planned, initiated, and/or completed.

**SECTION C. Site Level Requirements****# 016 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

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

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

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

[Additional authority for this condition is also derived from 40 CFR Part 63 SubpartBBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities]

The permittee shall comply with the recordkeeping requirements of 40 CFR Section 63.11094.

(a) The permittee shall keep records as specified in 40 CFR Section 60.115b if you are complying with options 2(a), 2(b), or 2(c) in Table 1 of 40 CFR SubpartBBBBBB, except records shall be kept for at least 5 years. If you are complying with the requirements of option 2(d) in Table 1 of 40 CFR SubpartBBBBBB, you shall keep records as specified in 40 CFR Section 63.1065.

(b) The permittee shall keep records of the test results for each gasoline cargo tank loading at the facility as specified below:

(1) Annual certification testing performed under 40 CFR Section 63.11092(f)(1) and periodic railcar bubble leak testing performed under 40 CFR Section 63.11092(f)(2).

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

(i) Name of test: Annual Certification Test - Method 27 or Periodic Railcar Bubble Leak Test Procedure.

(ii) Cargo tank owner's name and address.

(iii) Cargo tank identification number.

(iv) Test location and date.

(v) Tester name and signature.

(vi) Witnessing inspector, if any: Name, signature, and affiliation.

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

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

(c) As an alternative to keeping records at the terminal of each gasoline cargo tank test result as required in this condition (b) above, the permittee may comply with the following requirements, those are also specified in 40 CFR Sections 63.11094(c)(1) or (c)(2).

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

(i) The electronic copy of each record is an exact duplicate image of the original paper record with certifying signatures.

**SECTION C. Site Level Requirements**

(ii) The Department is notified in writing that each terminal using this alternative is in compliance with this condition (c)(1).

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

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

(ii) The Department is notified in writing that each terminal using this alternative is in compliance with this condition (c)(2).

(d) The permittee shall prepare and maintain records associated with the equipment leak provisions of 40 CFR Section 63.11089 that are describing the types, identification numbers, and locations of all equipment in gasoline service. For facilities electing to implement an instrument program under 40 CFR Section 63.11089, the record shall contain a full description of the program.

(e) The permittee shall prepare and maintain records of the equipment leak inspections that includes record in the log book for each leak that is detected and the following information:

- (1) The equipment type and identification number.
- (2) The nature of the leak (i.e., vapor or liquid) and the method of detection (i.e., sight, sound, or smell).
- (3) The date the leak was detected and the date of each attempt to repair the leak.
- (4) Repair methods applied in each attempt to repair the leak.
- (5) "Repair delayed" and the reason for the delay if the leak is not repaired within 15 calendar days after discovery of the leak.
- (6) The expected date of successful repair of the leak if the leak is not repaired within 15 days.
- (7) The date of successful repair of the leak.

(f) The permittee shall:

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

(2) Record and report simultaneously with the Notification of Compliance Status required under 40 CFR Section 63.11093(b).

**# 018 [25 Pa. Code §129.62]****General standards for bulk gasoline terminals/plants, and small gasoline storage tanks**

(a) The permittee shall keep records of the following:

(1) certification testing and repairs, identifying 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.

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

- (i) The gasoline tank truck tank serial number.

**SECTION C. Site Level Requirements**

- (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 under this permit shall be made available to the Department upon request.

(c) A copy of the test results for each gasoline tank shall be kept with the truck.

(d) The records shall be maintained in a legible, readily-available condition for five (5) years after the date the testing or repair was completed.

**# 019 elective restriction**

The permittee shall keep records of the following:

(a) The quarterly testings of the petroleum liquid stored and distributed at the facility and/or the SDS or equivalent showing the HAP content, and

(b) The monthly and 12-month rolling individual HAP emissions and the total combined HAP emissions which include fugitive emissions.

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

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.511.]

(a) The permittee shall report malfunctions, emergencies or incidents of excess emissions to the Department at 484-250-5920. A malfunction is any sudden, infrequent, and not reasonably preventable failure of air pollution control equipment, process equipment, or a process to operate in a normal or usual manner. An emergency is any situation arising from sudden and reasonably unforeseeable events beyond the control of the owner or operator of a facility which requires immediate corrective action to restore normal operation and which causes the emission source to exceed emissions, due to unavoidable increases in emissions attributable to the situation. An emergency shall not include situations caused by improperly designed equipment, lack of preventive maintenance, careless or improper operation, or operator error.

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

(c) The report shall describe the following:

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

**SECTION C. Site Level Requirements**

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

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

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

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

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

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

(a) The permittee shall notify the Department, as soon as practicable, of any release of gasoline that is not under control, not completely contained, and not completely recovered or removed, within 2 hours after the confirmation of a reportable release.

A release is defined as, but not limited to:

- (1) More than twenty-five (25) gallons to a containment area, structure or facility around an above ground storage tank, or
- (2) More than five (5) gallons to a synthetic surface, such asphalt or concrete.

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

- (1) the quantity of substance involved,
- (2) date and time the release occurred, and
- (3) interim remedial action planned, initiated, and/or completed.

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

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

The report of the deviations required by Condition #023(b), of Section B, of this permit, shall be submitted to the Department, within six (6) months after final permit issuance, and, at a frequency of at least every six (6) months thereafter.

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

The Department has changed the deviation and compliance certification reporting requirements. The initial reports for (a) and (b), below, shall be due on the dates provided and may cover only a partial reporting period.

The permittee shall submit the following reports:

(a) An annual certificate of compliance, due by April 1st of each year, for the period covering January 1 through December 31 of the previous year. This certificate of compliance shall document compliance with all permit terms and conditions set forth in this Title V permit as required under Condition # 024, Section B, of this permit.

(b) A semi-annual deviation report, due by October 1, of each year, for the period covering January 1 through June 30 of the same year. Note: The annual compliance certification fulfills the obligation for the second deviation reporting period (July 1 through December 31 of the previous year).

**SECTION C. Site Level Requirements****# 024 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this condition is also derived from 40 CFR Part 63 Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities]

(a) The permittee shall comply with the notifications requirements of 40 CFR Section 63.11093, and reporting requirements of 40 CFR Section 63.11095.

**# 025 [25 Pa. Code §135.21]****Emission statements**

The permittee shall submit by March 1, of each year, an annual emission statement for the preceding calendar year.

**# 026 [25 Pa. Code §135.3]****Reporting**

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

The permittee, who has been previously advised by the Department to submit a source report, shall submit by March 1, of each year, a source report for the preceding calendar year. The report shall include information from all previously reported sources, new sources which were first operated during the preceding calendar year, and sources modified during the same period which were not previously reported, including those sources listed in the Miscellaneous Section of this permit.

The permittee may request an extension of time from the Department for the filing of a source report, and the Department may grant the extension for reasonable cause.

**# 027 elective restriction**

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

(b) Any change in the calculation method used in paragraph (a) above, shall be subjected to approval by the Department.

**VI. WORK PRACTICE REQUIREMENTS.****# 028 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

A person responsible for any source specified in 25 Pa. Code § 123.1(a)(1-9), shall take all reasonable actions to prevent particulate matter from becoming airborne. These actions shall include, but not be limited to, the following:

- (a) Use, where possible, of water or chemicals for control of dust in the demolition of buildings or structures, construction operations, the grading of roads, or the clearing of land.
- (b) Application of asphalt, oil, water or suitable chemicals on dirt roads, material stockpiles and other surfaces which may give rise to airborne dusts.
- (c) Paving and maintenance of roadways.
- (d) Prompt removal of earth or other material from paved streets onto which earth or other material has been transported by trucking or earth moving equipment, erosion by water, or other means.

**# 029 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

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

**SECTION C. Site Level Requirements**

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

**# 030 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

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

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

**# 031 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

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

The permittee shall not modify any air contaminant system identified in this permit, prior to obtaining Department approval, except those modifications authorized by Condition #017(g), of Section B, of this permit.

**# 032 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this condition is also derived from 40 CFR Part 63 Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities]

a) This Gasoline Distribution Bulk Terminal facility is subject to and is required to comply with National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, 40 CFR Part 63 Subpart BBBBBB.

(1) The permittee shall comply with the requirements of this subpart by January 10, 2011, which is required by 40 CFR Sections 63.11083(b), 63.11087(b), and 63.11089(e) with the following exception:

(i) The permittee shall comply with the requirements of this subpart applicable to the gasoline loading rack, Source Id 101, upon startup of the vapor recovery unit, Source Id C03, which is required by 40 CFR Sections 63.11083(a)(2), 63.11088(c), and 63.11089(e).

(b) In accordance with 40 CFR Section 63.11089(a), the permittee shall perform a monthly leak inspection of all equipment in gasoline service, as defined in 40 CFR Section 63.11100. For this inspection, detection methods incorporating sight, sound, and smell are acceptable.

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

(c) In accordance with 40 CFR Sections 63.11089(b) through (g) the permittee shall comply with the following:

(1) A log book shall be used and shall be signed by the owner or operator at the completion of each inspection. A section of the log book shall contain a list, summary description, or diagram(s) showing the location of all equipment in gasoline service at the facility.

(2) Each detection of a liquid or vapor leak shall be recorded in the log book. When a leak is detected, an initial attempt at repair shall be made as soon as practicable, but no later than 5 calendar days after the leak is detected. Repair or replacement of leaking equipment shall be completed within 15 calendar days after detection of each leak, except as provided in paragraph (d) of this section.



**SECTION C. Site Level Requirements**

- (3) Delay of repair of leaking equipment will be allowed if the repair is not feasible within 15 days. The owner or operator shall provide in the semiannual report specified in 40 CFR Section 63.11095(b), the reason(s) why the repair was not feasible and the date each repair was completed.
- (4) The permittee must comply with the requirements of this subpart by the applicable dates specified in 40 CFR Section 63.11083.
- (5) The permittee must submit the applicable notifications as required under 40 CFR Section 63.11093.
- (6) The permittee must keep records and submit reports as specified in 40 CFR Sections 63.11094 and 63.11095.
- (d) The permittee shall comply with 40 CFR Section 63.11087, Requirements for Gasoline Storage Tanks.
- (1) The permittee shall meet each emission limit and management practice in 40 CFR, Part 63, Subpart BBBBBB, Table 1, Applicability Criteria, Emission Limits, and Management Practices for Storage Tanks. The permittee shall:
- (i) Reduce emission of total organic HAP or TOC by 95 weight-percent with a closed vent system and control device as specified in 40 CFR Section 60.112b(a)(3); or
  - (ii) Equip each internal floating roof gasoline storage tank according to the requirements of 40 CFR Section 60.112b(a)(1), except for the secondary seal requirements under 40 CFR Section 60.112b(a)(1)(ii)(B) and the requirements of 40 CFR Section 60.112b(a)(1)(vi) through (ix); and
  - (iii) Equip each external floating roof gasoline storage tank according to the requirements of 40 CFR Section 60.112b(a)(2), except that the requirements of 40 CFR Section 60.112b(a)(2)(ii) shall only be required if such storage tank does not currently meet the requirements of 40 CFR Section 60.112b(a)(2)(i); or
  - (iv) Equip and operate each internal and external floating roof gasoline storage tank according to the applicable requirements of 40 CFR Section 63.1063(a)(1) and (b), and equip each external floating roof gasoline storage tank according to the requirements of 40 CFR Section 63.1063(a)(2) if such storage tank does not currently meet the requirements of 40 CFR Section 63.1063(a)(1).

**# 033 [25 Pa. Code §129.62]****General standards for bulk gasoline terminals/plants, and small gasoline storage tanks**

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 water that is 4500 pascals and vacuum from exceeding six (6) inches of water that is 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 at small gasoline storage tanks, bulk plants and bulk terminals.
- (2) A truck, vapor balance system or vapor disposal system, if applicable, that exceeds the limits in paragraph (1) of the condition is repaired and retested within fifteen (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.

**SECTION C. Site Level Requirements****# 034 [25 Pa. Code §129.62]****General standards for bulk gasoline terminals/plants, and small gasoline storage tanks**

Gasoline shall 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.

**# 035 [25 Pa. Code §129.62]****General standards for bulk gasoline terminals/plants, and small gasoline storage tanks**

The permittee shall 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:

- (a) Has been tested by the owner or operator within the immediately preceding 12 months in accordance with § 139.14.
- (b) 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).
- (c) Is repaired by the owner or operator and retested within 15 days of testing if it does not meet the criteria in paragraph (2).
- (d) 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.****# 036 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[40 CFR Part 63 NESHAPS for Source Categories § 40 CFR 63.11081]

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

The permittee shall comply with all applicable requirements found in 40 C.F.R. 63 Subpart BBBB.

**VIII. COMPLIANCE CERTIFICATION.**

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

**IX. COMPLIANCE SCHEDULE.**

No compliance milestones exist.

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

**SECTION D. Source Level Requirements**

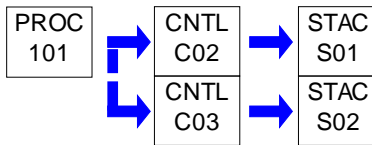
Source ID: 101

Source Name: GASOLINE LOADING RACK

Source Capacity/Throughput:

N/A

GASOLINE

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

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

[Compliance with the requirements in this streamlined permit condition assures compliance with the provisions found in applicable requirements of 25 Pa. Code § 129.59(a)]

[40 CFR Section 63.11088]

- (a) 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 vapor collection or disposal system capable of processing volatile organic vapors and gases so that no more than 0.008345 pounds of gasoline are emitted to the atmosphere for every 100 gallons (10mg/l) of gasoline loaded when operating the primary control system consisting of a carbon adsorption - absorption collection system (vapor recovery unit - C03).
- (b) 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 vapor collection or disposal system capable of processing volatile organic vapors and gases so that no more than 0.029 pounds of gasoline are emitted to the atmosphere for every 100 gallons (35mg/l) of gasoline loaded when operating the backup control system consisting of a vapor combustion unit - C02.
- (c) The above Condition (a) satisfies the emission limit of 80 mg/l of gasoline loaded into gasoline cargo tanks at the loading rack, required by 40 CFR Section 63.11088(a).

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

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

- a). The total combined Volatile Organic Compounds (VOC) emissions from this gasoline loading rack (Source ID 101) and the Fuel oil loading rack (Source ID 106) shall not exceed 92.93 tons per year, calculated on a 12-month rolling sum.
- b). The total VOC emissions from the gasoline loading rack shall not exceed a total of 70.10 tons per year, calculated as a 12-month rolling sum.
- 1). The VOC emissions from the gasoline loading rack operating with the primary control vapor recovery unit C03, shall not exceed a total of 34.50 tons per year, calculated as a 12-month rolling sum.
  - 2). The VOC emissions from the gasoline loading rack operating with the back up control vapor combustion unit C02 shall not exceed a total of 70.10 tons per year, calculated as a 12-month rolling sum.

**SECTION D. Source Level Requirements****Fuel Restriction(s).****# 003 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall only load gasoline from this gasoline loading rack (Source ID 101).

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

a). The throughput of the gasoline loading rack shall not exceed a total of 826,000,000 gallons of gasoline per year, calculated as a 12-month rolling sum.

1). The throughput of the gasoline loading rack shall not exceed a total of 207,000,000 gallons of gasoline per year, calculated as a 12-month rolling sum, when using the back up control device (Vapor Combustion Unit -C02).

2). When the back up control device (Vapor Combustion Unit - C02) is used, the total throughput of the gasoline loading rack shall be reduced so that the total VOC emission from the gasoline loading rack does not exceed 70.10 tons/year, calculated as a 12-month rolling sum. The reduced throughput for the gasoline loading rack shall be calculated on a daily basis to demonstrate compliance with this condition.

**II. TESTING REQUIREMENTS.****# 005 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code §§ 129.59 and 139.14]

(1) The vapor recovery unit, Source Id C03, shall be tested for emissions of volatile organic compound (VOC), and the vapor combustion unit, Source Id C02, shall be tested for emissions of VOC, Nitrogen Oxides (NOx) and Carbon Monoxide (CO) within the life of this permit.

and

at such other times as may be required by the Department under section 114 of the Clean Air Act, the permittee shall conduct the performance tests and furnish the Department a written report of the results of such tests.

(2) The tests for VOC on the vapor recovery unit and on the vapor combustion unit shall incorporate EPA test method 25B, or a method specified in the Department's Source Testing Manual, or an approved method by the Department. The test results shall be used to demonstrate compliance with Condition #001 of this Section.

(3) The permittee shall submit the proposed emission test protocols to the Department's regional Air Program Manager for approval at least ninety (90) days prior to the test.

(4) The permittee shall notify the Department at least two (2) weeks in advance of the date and time of the proposed emissions tests so that an observer may be present.

(5) Two copies of the performance test results shall be submitted to the Department's Regional Air Program for review within thirty (30) days of completion of testing. The emissions shall be reported in the following units:

(a) concentration = parts per million by volume (ppmv)

(b) specific output = milligrams/liter (mg/l) of gasoline loaded

(c) total output = mass rate of kilograms/hour (kg/hr) and pounds per gallons of gasoline loaded

(d) calculated ppmv for:

**SECTION D. Source Level Requirements**

- (i) the 35 milligram/liter and the sample calculations for verification of the emission for the vapor combustion unit; and
- (ii) the 10 milligram/liter and the sample calculations for verification of the emission for the vapor recovery unit.

In the event that any of the above deadlines cannot be met, the permittee may request an extension for the due date(s) in writing and include a justification for the extension. The Department may grant an extension for a reasonable cause.

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

[Additional authority for this condition is also derived from 40 CFR Part 63 Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities]

**Testing and Monitoring Requirements**

(a) In accordance with 40 CFR Section 63.11092, the permittee shall conduct a performance test on each vapor processing and collection system according to the test methods and procedures in 40 CFR Section 60.503, except a reading of 500 parts per million (as methane) shall be used to determine the level of leaks to be repaired under 40 CFR Section 60.503(b).

(b) Immediately before the performance test required to determine compliance with conditions #001(a) and #017(d) of this Section, the owner or operator shall use Method 21 to monitor for leakage of vapor at all potential sources in the terminal's vapor collection system equipment while a gasoline tank truck is being loaded. The owner or operator shall repair all leaks with readings of 500 ppm (as methane) or greater before conducting the performance test.

(c) The owner or operator shall determine compliance with the standards in condition #001(a) of this Sections, as follows:

(1) The performance test shall be 6 hours long during which at least 300,000 liters of gasoline is loaded. If this is not possible, the test may be continued the same day until 300,000 liters of gasoline are loaded or the test may be resumed the next day with another complete 6-hour period. In the latter case, the 300,000-liter criterion need not be met. However, as much as possible, testing should be conducted during the 6-hour period in which the highest throughput normally occurs.

(2) If the vapor processing system is intermittent in operation, the performance test shall begin at a reference vapor holder level and shall end at the same reference point. The test shall include at least two startups and shutdowns of the vapor processor. If this does not occur under automatically controlled operations, the system shall be manually controlled.

(3) The emission rate (E) of total organic compounds shall be computed using the following equation of 40 CFR Section 60.503(c)(3):

$$E = K \sum_{i=1}^n (V_{esi} \times C_{ei}) / (L \times 10^6)$$

where:

V<sub>esi</sub>=volume of air-vapor mixture exhausted at each interval "i", scm.

C<sub>ei</sub>=concentration of total organic compounds at each interval "i", ppm.

L=total volume of gasoline loaded, liters.

n=number of testing intervals.

i=emission testing interval of 5 minutes.

K=density of calibration gas, 1.83×10<sup>-6</sup> for propane and 2.41×10<sup>-6</sup> for butane, mg/scm.

(4) The performance test shall be conducted in intervals of 5 minutes. For each interval "i", readings from each measurement shall be recorded, and the volume exhausted (V<sub>esi</sub>) and the corresponding average total organic compounds concentration (C<sub>ei</sub>) shall be determined. The sampling system response time shall be considered in determining the average total organic compounds concentration corresponding to the volume exhausted.

(5) The following methods shall be used to determine the volume (V<sub>esi</sub>) air-vapor mixture exhausted at each interval:

**SECTION D. Source Level Requirements**

- (i) Method 2B shall be used for combustion vapor processing systems.
- (ii) Method 2A shall be used for all other vapor processing systems.

(6) Method 25A or 25B shall be used for determining the total organic compounds concentration (C<sub>ei</sub>) at each interval. The calibration gas shall be either propane or butane. The owner or operator may exclude the methane and ethane content in the exhaust vent by any method (e.g., Method 18) approved by the Administrator.

(7) To determine the volume (L) of gasoline dispensed during the performance test period at all loading racks whose vapor emissions are controlled by the processing system being tested, terminal records or readings from gasoline dispensing meters at each loading rack shall be used.

(d) The owner or operator shall determine compliance with the standard in 40 CFR Section 60.502(h) and Condition #013(d) of this Section, as follows:

(1) A pressure measurement device (liquid manometer, magnehelic gauge, or equivalent instrument), capable of measuring up to 500 mm of water gauge pressure with  $\pm 2.5$  mm of water precision, shall be calibrated and installed on the terminal's vapor collection system at a pressure tap located as close as possible to the connection with the gasoline tank truck.

(2) During the performance test, the pressure shall be recorded every 5 minutes while a gasoline truck is being loaded; the highest instantaneous pressure that occurs during each loading shall also be recorded. Every loading position must be tested at least once during the performance test.

**# 007 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

[Additional authority for this condition is also derived from 40 CFR Part 63 Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities]

Testing and Monitoring Requirements

(a) For each performance test conducted under condition #006 of this Section and 40 CFR Section 63.11092(a)(1), the permittee shall determine a monitored operating parameter value for the vapor processing system using the procedures specified in 40 CFR Section 63.11092 (b)(1) through (4) which are following:

(1) The permittee shall calibrate, certify, operate, and maintain, according to the manufacturer's specifications, a continuous monitoring system (CMS) while gasoline vapors are displaced to the vapor processor systems specified in this condition (a)(1)(i). During the performance test, continuously record the operating parameter as follows:

(i) Where a carbon adsorption system is used, the permittee shall monitor the operation of the system as follows:

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

(2) The permittee shall determine an operating parameter value based on the parameter data monitored during the performance test, supplemented by engineering assessments and the manufacturer's recommendations.

(3) The permittee shall provide for the Department's approval the rationale for the selected operating parameter value, monitoring frequency, and averaging time, including data and calculations used to develop the value and a description of why the value, monitoring frequency, and averaging time demonstrate continuous compliance with the emission standard in §63.11088(a) and condition #001(a) of this Section.

(b) For performance tests performed after the initial test required under condition #006 of this Section and 40 CFR Section 63.11092(a), the permittee shall document the reasons for any change in the operating parameter value since the previous performance test.

**SECTION D. Source Level Requirements**

(c) The permittee shall comply with the following requirements, specified in 40 CFR Section 63.11092(d)(1), (3) and (4):  
 (1) Operate the vapor processing system in a manner not to exceed or not to go below, as appropriate, the operating parameter value for the parameters described in 40 CFR Section 63.11092(b)(1) and this condition #007(a)(1) of this Section.

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

The Volatile Organic Compound (VOC) emissions from the gasoline loading rack shall be determined using the emission rate from the most recent Department approved and passed stack test results.

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

The permittee shall calculate the VOC emissions and the fuel throughput for this loading rack monthly and on a 12-month rolling sum.

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

The permittee shall:

- (a) conduct daily visual inspections of the loading rack and vapor combustion unit monitoring devices, and
- (b) perform a periodic preventive inspection.

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

The permittee shall monitor the throughputs of the fuel on a daily basis for this loading rack to demonstrate compliance with Conditions #002 and #004 of this Section.

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

The permittee shall keep records of:

- (a) the daily visual inspection of the vapor recovery unit C03, vapor combustion unit C02 and gasoline loading rack 101,
- (b) the periodic preventive maintenance inspections,
- (c) the daily, monthly and rolling twelve (12) month summation of throughputs using primary control vapor recovery unit and using back up control vapor combustion unit.

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.****# 013 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this condition is also derived from 40 CFR Section 63.11088, Requirements for Gasoline Loading Racks for Bulk Gasoline Terminals]

- (a). The permittee shall maintain this loading rack equipped with a vapor collection and recovery system, Source Id C03,

**SECTION D. Source Level Requirements**

designed to collect the TOC vapors displaced from cargo tanks during product loading, which is required by 40 CFR Part 63 Subpart BBBBBB Section 63.11088(a) and Table 2 of this Subpart.

(b). The permittee shall load gasoline from the gasoline loading rack only when the vapor recovery unit is operating or when the back up control vapor combustion unit is operating.

(1). The permittee shall operate the vapor recovery unit as a primary control option as described below:

(i). The carbon adsorption - absorption vapor recovery unit is manufactured by John Zink Company, Model No. S3-AAD-6-90-80-10.

(2). The permittee shall operate the vapor combustion unit as a backup unit. The gasoline throughput shall not exceed 207,000,000 gallons per year when the backup system is operated.

(c). The permittee shall stop loading gasoline immediately if the vapor recovery unit or vapor combustion unit is not operating properly or malfunctions occur.

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

[Additional authority for this condition is also derived from 40 CFR Part 63 Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities]

The permittee shall limit the loading of gasoline into gasoline cargo tanks that are vapor tight using the following procedures, which are also specified in 40 CFR Sections 60.502(e) through (j). For the purposes of this operating permit, the term "tank truck" as used in 40 CFR Section 60.502(e) through (j) means "cargo tank" as defined:

Gasoline Cargo Tank means a delivery tank truck or railcar which is loading gasoline or which has loaded gasoline on the immediately previous load.

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

(1) The permittee shall obtain the vapor tightness documentation described in 40 CFR Section 60.505(b) for each gasoline tank truck which is to be loaded at the permittee's facility.

(2) The permittee shall require the tank identification number to be recorded as each gasoline tank truck is loaded at the permittee's facility.

(3)(i) The permittee shall cross-check each tank identification number obtained in condition (a)(2) of this condition with the file of tank vapor tightness documentation within 2 weeks after the corresponding tank is loaded, unless either of the following conditions is maintained:

(A) If less than an average of one gasoline tank truck per month over the last 26 weeks is loaded without vapor tightness documentation then the documentation cross-check shall be performed each quarter; or

(B) If less than an average of one gasoline tank truck per month over the last 52 weeks is loaded without vapor tightness documentation then the documentation cross-check shall be performed semiannually.

(ii) If either the quarterly or semiannual cross-check provided in conditions (a)(3)(i) (A) through (B) of this condition reveals that these conditions were not maintained, the source must return to biweekly monitoring until such time as these conditions are again met.

(4) The terminal owner or operator shall notify the owner or operator of each non-vapor-tight gasoline tank truck loaded at the affected facility within 1 week of the documentation cross-check in condition (a)(3) of this section.

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



**SECTION D. Source Level Requirements**

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

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

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

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

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

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

**# 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.

**VII. ADDITIONAL REQUIREMENTS.**

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

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

**SECTION D. Source Level Requirements**

Source ID: 102

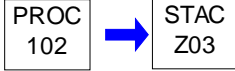
Source Name: TANK 2 (INT.FL.RF.) {725,285 GALLONS}

Source Capacity/Throughput:

N/A

GASOLINE

Conditions for this source occur in the following groups: G01

**I. RESTRICTIONS.**

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

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

**IV. RECORDKEEPING REQUIREMENTS.**

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

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.**

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

**VII. ADDITIONAL REQUIREMENTS.**

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

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

**SECTION D. Source Level Requirements**

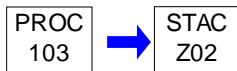
Source ID: 103

Source Name: TANK 1 (FIXED) {1,112,534 GALLONS}

Source Capacity/Throughput:

N/A

DISTILLATE OIL

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §129.56]****Storage tanks greater than 40,000 gallons capacity containing VOCs**

The permittee shall not store any Volatile Organic Compounds (VOC) in this tank whose true vapor pressure is equal to or greater than 10.5 kilopascals or 1.5 psia unless the tank is a pressure tank capable of maintaining working pressure sufficient at all times to prevent vapor or gas loss to the atmosphere or is designed and equipped with the proper vapor control devices.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

**IV. RECORDKEEPING REQUIREMENTS.****# 002 [25 Pa. Code §129.56]****Storage tanks greater than 40,000 gallons capacity containing VOCs**

(a) The permittee shall keep records on a monthly basis for the following:

- (1) The type of fuel material stored in this tank, and
- (2) The true vapor pressure of the material stored in this tank.

(b) The above records must be retained at the site, and made available to the Department upon request.

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.**

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



## SECTION D. Source Level Requirements

### VII. ADDITIONAL REQUIREMENTS.

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

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

**SECTION D. Source Level Requirements**

Source ID: 104

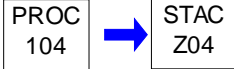
Source Name: TANK 3 (INT.FL.RF.) {721,309 GALLONS}

Source Capacity/Throughput:

N/A

GASOLINE

Conditions for this source occur in the following groups: G01

**I. RESTRICTIONS.**

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

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

**IV. RECORDKEEPING REQUIREMENTS.**

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

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.**

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

**VII. ADDITIONAL REQUIREMENTS.**

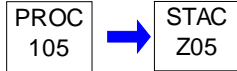
No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

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

**SECTION D. Source Level Requirements**

Source ID: 105                      Source Name: TANK 4 (INT.FL.RF.) {737,741 GALLONS}  
 Source Capacity/Throughput:                      N/A                      GASOLINE

Conditions for this source occur in the following groups: G01

**I. RESTRICTIONS.**

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

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

**IV. RECORDKEEPING REQUIREMENTS.**

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

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.**

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

**VII. ADDITIONAL REQUIREMENTS.**

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

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

**SECTION D. Source Level Requirements**

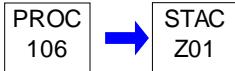
Source ID: 106

Source Name: FUEL OIL LOADING RACK

Source Capacity/Throughput:

N/A

DISTILLATE OIL

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

# 001 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.511]

The total combined VOC emissions from this loading rack (Source ID 106) and the gasoline loading rack (Source ID 101), shall not exceed 92.93 tons per year calculated on a 12-month rolling sum.

**Throughput Restriction(s).**

# 002 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The total throughput for this source shall not exceed 500,000,000 gallons of distillates per year calculated on a 12-month rolling sum.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

# 003 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The VOC's from this loading rack shall be calculated using the most recent emissions factors in AP-42.

# 004 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall calculate the following for this loading rack on a monthly basis:

- (a) The VOC emissions, and
- (b) The monthly throughput.

**IV. RECORDKEEPING REQUIREMENTS.**

# 005 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall keep records of the following monthly and on a 12-month rolling sum:

- (a) The VOC emissions, and
- (b) The total monthly throughput of distillates.

**V. REPORTING REQUIREMENTS.**

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

**SECTION D. Source Level Requirements****VI. WORK PRACTICE REQUIREMENTS.**

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

**VII. ADDITIONAL REQUIREMENTS.**

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

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





**SECTION D. Source Level Requirements**

Source ID: 108                      Source Name: TANK 11: ETHANOL TANK (INT.FL.RF.) {420,000 GALLONS}  
Source Capacity/Throughput:                      N/A                      ETHANOL

Conditions for this source occur in the following groups: G01



**I. RESTRICTIONS.**

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

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

**IV. RECORDKEEPING REQUIREMENTS.**

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

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.**

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

**VII. ADDITIONAL REQUIREMENTS.**

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

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

**SECTION D. Source Level Requirements**

Source ID: C02

Source Name: ENCLOSED VAPOR COMBUSTION BACK UP SYSTEM

Source Capacity/Throughput:

N/A

PROPANE/NAT'L GAS

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

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

- (a) The Volatile Organic Compound (VOC) emissions from the enclosed vapor combustion system shall not exceed 70.1 tons of VOCs, measured as propane, per year calculated on a twelve (12) month rolling sum.
- (b) The Nitrogen oxides (NOx) emissions from the enclosed vapor combustion system shall not exceed 8 tons per year calculated on a twelve (12) month rolling sum.
- (c) The Carbon Monoxide (CO) emissions from the enclosed vapor combustion system shall not exceed 20 tons per year calculated on a twelve (12) month rolling sum.

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

The Volatile Organic Compound (VOC) emissions from the enclosed vapor combustion system shall not exceed 0.0292 pounds of VOCs, measured as propane, per 100 gallons of gasoline loaded.

[Compliance with this condition assures compliance with 25 Pa. Code § 129.59]

**Fuel Restriction(s).****# 003 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

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

The permittee shall only use natural gas or propane as fuel for this vapor combustion system.

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

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

The permittee shall limit the flow rate of the fuel vapor into the vapor combustion system to 1,200 cubic feet per minute, or less.

**II. TESTING REQUIREMENTS.****# 005 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code §§ 129.59 and 139.14]

- (1) The enclosed vapor combustion unit shall be tested for emissions of volatile organic compounds (VOC), Nitrogen Oxides (NOx) and Carbon Monoxide (CO) within the life of this permit.
- (2) The test for VOCs shall incorporate EPA test method 25B, or a method specified in the Department's Source Testing Manual, or an approved method by the Department. The test results shall be used to demonstrate compliance with the gasoline loading rack (Source ID 101) emission limit of less than 0.029 pounds of gasoline emitted to the atmosphere for every 100 gallons of gasoline loaded.

**SECTION D. Source Level Requirements**

(3) The permittee shall submit the proposed emission test protocols to the Department's regional Air Program Manager for approval at least sixty (60) days prior to the test.

(4) The permittee shall notify the Department at least two (2) weeks in advance of the date and time of the proposed emissions tests so that an observer may be present.

(5) Two copies of the performance test results shall be submitted to the Department's Regional Air Program for review within sixty (60) days of completion of testing. The emissions shall be reported in the following units:

- (a) concentration = parts per million (ppmv) by volume
- (b) specific output = milligrams/liter (mg/l) of gasoline loaded
- (c) total output = mass rate of kilograms/hour (kg/hr) and pounds per gallons of gasoline loaded
- (d) calculated ppmv for the 35 milligram/liter and the sample calculations for verification of the emission.

(6) The result of the tests shall be included in the permit renewal application.

**III. MONITORING REQUIREMENTS.****# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

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

The permittee shall monitor the following:

- (a) The exhaust gas temperature, continuously.
- (b) The permittee shall calculate the VOC, NO<sub>x</sub>, and CO emissions on a monthly basis.
- (c) The amount and type of fuel used on a monthly basis.

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

[Additional authority for this permit condition is derived from 40 CFR § 64.9]

Compliance Assurance Monitoring Plan (CAM)

The permittee shall perform the following parametric monitoring and inspections to ensure credible evidence of satisfactory operation of the Source ID 101 - Gasoline Loading Rack and its controls:

- (a) The vapor combustion unit (VCU) system pilot is ignited prior to gasoline tank truck loading, and checked during daily visual inspection.
- (b) The permittee elects to perform the following CAMs:
  - (1) Computerized trend analysis of the operating temperatures or the most representative of the temperatures with a 'trend page' in a personal computer (PC), reviewed on a weekly basis at the beginning of the work week.

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

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

**SECTION D. Source Level Requirements**

The permittee shall keep records of the following:

- (a) The continuous exhaust gas temperature recordings.
- (b) The monthly calculations of the VOC, NOx, and CO emissions.
- (c) The amount and type of fuel used on a monthly basis.
- (d) A copy of the manufacturer's specification's for the enclosed vapor combustion system

**# 009 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 40 CFR § 64.9.]

- (a) The permittee shall record all excursions, the corrective actions taken in response to an excursion and the time elapsed until the corrective actions have been taken.
- (b) The permittee shall maintain records of all monitoring downtime incidents (other than downtime associated with zero and span or other daily calibration checks, if applicable). The permittee shall also record the dates, times and durations, probable causes and corrective actions taken for the monitoring downtime incidents.
- (c) The permittee shall record all inspections, repair, and maintenance performed on the monitoring equipment.

**V. REPORTING REQUIREMENTS.**

**# 010 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 40 CFR § 64.9 & § 70.6]

The permittee shall report all excursions and corrective actions taken, the dates, times, durations and probable causes, every six (6) months. This report can be included along with the facility's semi-annual monitoring deviation report.

**# 011 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 40 CFR § 64.9]

The permittee shall report all monitoring downtime incidents (other than downtime associated with zero and span or other daily calibration checks, if applicable), their dates, times and durations, probable causes and corrective actions taken, every six (6) months. This report can be included along with the facility's semi-annual monitoring deviation report.

**VI. WORK PRACTICE REQUIREMENTS.**

**# 012 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

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

The permittee shall operate and maintain the following:

- (a) The vapor combustion system in accordance with the manufacturer's specifications and in good operating practices.
- (b) A temperature measuring device in order to monitor the exhaust gas temperature of the vapor combustion system.

**# 013 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 40 CFR §§ 64.3 and 64.6.]

The permittee shall use approved Quality Assurance and Quality Checks, (QA/QC), practices that ensure continuing validity

**SECTION D. Source Level Requirements**

of data and proper performance of the monitoring devices:

(a) The permittee shall develop verification procedures to confirm the accuracy of the measured values.

(b) For QA/QC purposes, the permittee shall calibrate and check the accuracy of the monitoring equipment, according to the manufacturer's recommended procedures.

**# 014 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 40 CFR §§ 64.3 and 64.6.]

The permittee shall maintain all monitoring equipment and stock spare parts as necessary for routine onsite repairs.

**# 015 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 40 CFR §§ 64.3 and 64.6.]

The permittee shall ensure that at least 90% of the approved monitoring data has been properly and accurately collected.

**# 016 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 40 CFR §§ 64.3 and 64.6.]

The permittee shall submit an implementation plan and schedule if the approved monitoring requires installation, testing or other necessary activities. The schedule for completing installation and beginning operation of the monitoring may not exceed 180 days after the issuance of the permit.

**VII. ADDITIONAL REQUIREMENTS.**

**# 017 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

This source C02, is an enclosed vapor combustion system, manufactured by John Zink Company, model number ZCT-3-9-50-X-2/8-2/8/-Flanged.

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

**SECTION E. Source Group Restrictions.**

Group Name: G01

Group Description: Int Floating Roof

Sources included in this group

ID	Name
102	TANK 2 (INT.FL.RF.) {725,285 GALLONS}
104	TANK 3 (INT.FL.RF.) {721,309 GALLONS}
105	TANK 4 (INT.FL.RF.) {737,741 GALLONS}
108	TANK 11: ETHANOL TANK (INT.FL.RF.) {420,000 GALLONS}

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §129.56]****Storage tanks greater than 40,000 gallons capacity containing VOCs**

The permittee shall not permit the placing, storing or holding of VOC's with a vapor pressure of eleven (11) psia or greater under actual storage conditions in this storage tank.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.****# 002 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

The permittee shall calculate the VOC and HAP emissions on a monthly basis.

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

(1) The permittee shall conduct routine inspections of the internal floating roof and the storage tank on an annual basis.

(2) The inspection shall include a visual inspection of the tanks seals made through the roof hatch of the storage tank.

(3) If a failure is detected during the inspections, the permittee shall repair the items or empty and remove the storage vessel from service in forty-five (45) days. If this failure cannot be repaired within forty-five (45) days and if the vessel cannot be emptied within forty-five (45) days, a thirty (30)-day extension shall document that alternate storage capacity is unavailable and specify a schedule of actions the permittee will take that will assure that the equipment will be repaired or the vessel will be emptied as soon as possible but within the additional thirty (30)-day time required.

**IV. RECORDKEEPING REQUIREMENTS.****# 004 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

The permittee shall keep records of the VOC and HAP emissions on a monthly basis.

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

(a) The permittee shall keep records of the inspections performed as required in Condition #003 of this section. The records shall contain, but not limited to:

(1) the date of the inspection(s)

(2) the name of the product being stored in the tank at the time of the inspection, and

(3) the results of the inspection(s) including

- any holes, tears, or other openings found and the repairs that were or will be applied,

**SECTION E. Source Group Restrictions.**

- the position of the floating roof, and
- any visibility of the stored product on the surface of the floating roof.

(b) The records shall be retained for a minimum of five (5) years.

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

The permittee shall keep records of the annual inspections of the internal floating roof, and have the records made available to the Department upon request.

**# 007 [25 Pa. Code §129.56]****Storage tanks greater than 40,000 gallons capacity containing VOCs**

The permittee shall keep records of the following:

- (1) The type of volatile organic compounds stored in this tank,
- (2) The maximum true vapor pressure of the compounds as stored, and
- (3) The period of storage.

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.****# 008 [25 Pa. Code §129.56]****Storage tanks greater than 40,000 gallons capacity containing VOCs**

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.

**# 009 [25 Pa. Code §129.56]****Storage tanks greater than 40,000 gallons capacity containing VOCs**

The internal floating roof shall be fitted with a primary seal and shall comply with the following equipment requirements:

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

**VII. ADDITIONAL REQUIREMENTS.**

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

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



**SECTION F. Alternative Operation Requirements.**

No Alternative Operations exist for this Title V facility.



**SECTION G. Emission Restriction Summary.**

Source Id	Source Description		
101	GASOLINE LOADING RACK		
Emission Limit		Pollutant	
0.010	GRAMS/l	primary control	VOC
0.035	GRAMS/l	backup control	VOC
34.500	Tons/Yr	primary control, calculated as a 12-month rolling sum	VOC
70.100	Tons/Yr	backup control, calculated as a 12-month rolling sum	VOC
92.930	Tons/Yr	gasoline loading rack and fuel oil loading rack, calculated as a 12-month rolling sum	VOC
C02	ENCLOSED VAPOR COMBUSTION BACK UP SYSTEM		
Emission Limit		Pollutant	
20.000	Tons/Yr	12 month rolling	CO
8.000	Tons/Yr	12 month rolling	NOX
70.100	Tons/Yr	12 month rolling	VOC

**Site Emission Restriction Summary**

Emission Limit		Pollutant	
9.900	Tons/Yr	Individual HAP, calculated as 12-month rolling sum	Hazardous Air Pollutants
24.900	Tons/Yr	Total combined HAPs, calculated as 12-month rolling sum	Hazardous Air Pollutants

**SECTION H. Miscellaneous.**

A. The following previously issued Operating Permits

- (a) 23-312-073A and
- (b) 23-312-211GP

serve as the basis for certain terms and conditions set forth in this Title V Permit

B. Administrative Amendment (APS: 345559 AUTH: 504474) to incorporate Plan Approval, PA 23-0045. (July 2003)

C. Title V Renewal:  
Auth ID: 602842  
APS: 560843

D. The Maps in Sections A and D, of this permit, are for illustrative purposes only.

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

- (1) Safety-Kleen Parts Washer

F. The Client ID has been corrected for this facility. Current Client ID 161585; new AUTH ID 602842; new APS 560843; Master AUTH ID 354365. Previous AUTH ID 570942 has been "removed/entered in error" in eFACTS.

G. Administrative Amendment (APS: 560843, AUTH: 680288) to remove condition #005(6) from source ID 101 in section D.

H. APS# 560843 AUTH # 818180  
The information in Section A is for informational purposes only.  
This Title V Operating Permit has been renewed.

General Permit 23-312-220 for a Ethanol Storage Tank was incorporated into this renewal.

AUTH: 867701 October 2011

I. This Title V Operating Permit has been amended to incorporate plan approval No. 23-0045A, issued for increase gasoline throughput of the bulk gasoline loading rack to 826,000,000 gallons per year (12-month rolling sum) and installation of vapor recovery unit (carbon adsorption - absorption system) manufactured by John Zink S3-AAD-6-90-80-10 on the gasoline loading rack as control device. In addition, the throughput of the gasoline loading rack using back up control device (vapor combustion unit C02) was changed to 207,000,000 gallons per year, calculated as a 12-month rolling sum.

AUTH: 1075081 APS: 345559

This Title V Operating Permit has been renewed.

APS: 560843 AUTH: 1316944

This Title V Operating Permit has been renewed.

In 2014, the facility added 4 tanks storing 33,840 gallons of biodiesel and one (1) 4,000 gallon tank storing bio-diesel additive. The tanks are insignificant sources.

The following small storage tanks containing additives have been included in this Section and are considered insignificant: Tank 5, Tank 6, Tank 10, Tank 12, Tank 13 and Tank 14.

An analysis of RACT II rules was submitted to PA DEP on 10/18/2016. The following sources as of now are exempt from RACT II VOC and NOx requirements:

- 103
- 101
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**SECTION H. Miscellaneous.**

105  
108  
C02  
C03

Note: Updated PTEs were included with this application which include tank cleaning and roof landings associated with tank cleanings conservatively estimated at up to (3) tanks per year. See application for detailed calculation spreadsheet.



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

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