



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

TITLE V/STATE OPERATING PERMIT

Issue Date: June 18, 2019

Effective Date: July 1, 2019

Expiration Date: June 30, 2024

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: 21-05029

Federal Tax Id - Plant Code: 23-3102655-4

Owner Information

Name: SUNOCO PARTNERS MKT & TERMLP
Mailing Address: 3807 WEST CHESTER PIKE
NEWTOWN SQUARE, PA 19072

Plant Information

Plant: SUNOCO PARTNERS MKT & TERMLP/MECHANICSBURG
Location: 21 Cumberland County 21910 Hampden Township
SIC Code: 5171 Wholesale Trade - Petroleum Bulk Stations And Terminals

Responsible Official

Name: TERRY L WOLFE
Title: TERM MGR
Phone: (717) 790 - 0842

Permit Contact Person

Name: JED A. WERNER
Title: ENV PERMIT MGR
Phone: (610) 859 - 5428

[Signature] _____
WILLIAM R. WEAVER, SOUTH CENTRAL REGION AIR PROGRAM MANAGER



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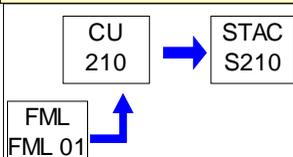
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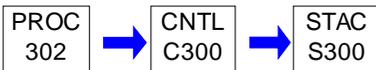
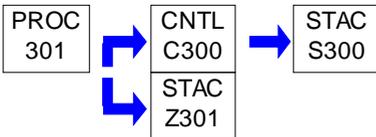
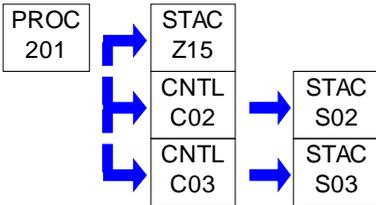
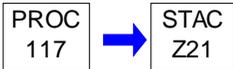
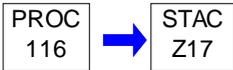
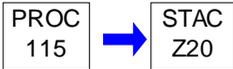
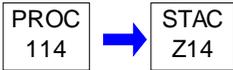
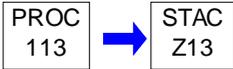
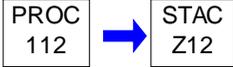
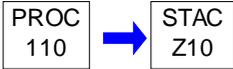
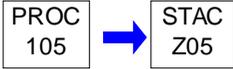
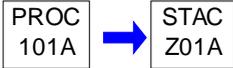
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Source ID	Source Name	Capacity/Throughput	Fuel/Material
210	TWO BUILDING HEATERS, 0.219 & 0.112 MMBTU/HR	0.331 MMBTU/HR	
		30.000 Gal/HR	NO. 2 OIL
101A	NEW TANK 1, CAP. 1,050,000 GAL, IFR	2.000 Th Gal/HR	GASOLINE
105	TANK 7, CAP. 365,400 GAL, FIXED ROOF	10.000 Th Gal/HR	#2 OIL
110	TANK 17, CAP. 361,200 GAL, IFR	1.100 Th Gal/HR	DIESEL/GASOLINE
112	TANK 19, CAP. 3,376,800 GAL, IFR	8.000 Th Gal/HR	GASOLINE
113	TANK 6, CAP. 361,200 GAL, FIXED ROOF	1.000 Th Gal/HR	KEROSENE
114	TANK 16, CAP. 352,800 GAL, FIXED ROOF	1.000 Th Gal/HR	LSD FUEL
115	TANK 8, CAP. 365,400 GAL, FIXED ROOF	1.000 Th Gal/HR	LSD
116	TANK 18, CAP. 646,800 GAL, FIXED ROOF	2.000 Th Gal/HR	DIESEL
117	NEW TANK 4, CAP. 210,000 GAL, IFR	2.000 Th Gal/HR	ETHANOL/GASOLINE
201	LOADING RACK GASOLINE/DISTILLATE	30.000 Th Gal/HR	GAS. /DIST. /ETHANOL
301	PUMP STATION SEAL LEAKS		
302	PUMP STATION MAINTENANCE OPERATIONS		
C02	CONTROL, VCU		
C03	CONTROL, VRU		
C300	PUMP STATION FLARE		
FML 01	FUEL MATERIAL, NO.2 OIL		
S02	STACK, VCU		
S03	STACK, VRU		
S210	HEATERS STACK		
S300	PUMP STATION FLARE STACK		
Z01A	NEW TANK 1		
Z05	TANK 7		
Z10	TANK 17		
Z12	TANK 19		
Z13	TANK 6		
Z14	TANK 16		
Z15	FUGITIVE FROM TRUCK LOADING		
Z17	TANK 18		
Z20	TANK 8		
Z21	NEW TANK 4		
Z301	FUGITIVE EMISSIONS-PUMP STATION		

PERMIT MAPS

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]**Permit Renewal**

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

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

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

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

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

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

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

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

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

**SECTION B. General Title V Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

#010 [25 Pa. Code §§ 127.411(d) & 127.512(c)(5)]**Duty to Provide Information**

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

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to determine compliance with the permit.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

R3_Air_Apps_and_Notices@epa.gov

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

#014 [25 Pa. Code § 127.541]**Significant Operating Permit Modifications**

When permit modifications during the term of this permit do not qualify as minor permit modifications or administrative amendments, the permittee shall submit an application for significant Title V permit modifications in accordance with

**SECTION B. General Title V Requirements**

25 Pa. Code § 127.541. Notifications to EPA, pursuant to 25 PA Code §127.522(a), if required, shall be submitted, to the following EPA e-mail box:

R3_Air_Apps_and_Notices@epa.gov

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

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

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

R3_Air_Apps_and_Notices@epa.gov

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

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

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

R3_Air_Apps_and_Notices@epa.gov

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

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

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

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

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

(a) The permittee shall pay fees to the Department in accordance with the applicable fee schedules in 25 Pa. Code Chapter 127, Subchapter I (relating to plan approval and operating permit fees).

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

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

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

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

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

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

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

- (1) Identify and describe the pollutants that will be emitted as a result of the de minimis emissions increase.
- (2) Provide emission rates expressed in tons per year and in terms necessary to establish compliance consistent with any applicable requirement.

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

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

- (1) Four tons of carbon monoxide from a single source during the term of the permit and 20 tons of carbon monoxide at the facility during the term of the permit.
- (2) One ton of NO_x from a single source during the term of the permit and 5 tons of NO_x at the facility during the term of the permit.
- (3) One and six-tenths tons of the oxides of sulfur from a single source during the term of the permit and 8.0 tons of oxides of sulfur at the facility during the term of the permit.
- (4) Six-tenths of a ton of PM₁₀ from a single source during the term of the permit and 3.0 tons of PM₁₀ at the facility during the term of the permit. This shall include emissions of a pollutant regulated under Section 112 of the Clean Air Act unless precluded by the Clean Air Act or 25 Pa. Code Article III.
- (5) One ton of VOCs from a single source during the term of the permit and 5.0 tons of VOCs at the facility during the term of the permit. This shall include emissions of a pollutant regulated under Section 112 of the Clean Air Act unless precluded by the Clean Air Act or 25 Pa. Code Article III.

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

- (1) Air conditioning or ventilation systems not designed to remove pollutants generated or released from other sources.
- (2) Combustion units rated at 2,500,000 or less Btu per hour of heat input.
- (3) Combustion units with a rated capacity of less than 10,000,000 Btu per hour heat input fueled by natural gas supplied by a public utility, liquefied petroleum gas or by commercial fuel oils which are No. 2 or lighter, viscosity less than or equal to 5.82 c St, and which meet the sulfur content requirements of 25 Pa. Code § 123.22 (relating to combustion units). For purposes of this permit, commercial fuel oil shall be virgin oil which has no reprocessed, recycled or waste material added.
- (4) Space heaters which heat by direct heat transfer.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

(a) The owner of this Title V facility, or any other person, may not circumvent the new source review requirements of 25 Pa. Code Chapter 127, Subchapter E by causing or allowing a pattern of ownership or development, including the phasing, staging, delaying or engaging in incremental construction, over a geographic area of a facility which, except for the pattern of ownership or development, would otherwise require a permit or submission of a plan approval application.

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

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the device or technique may be used for control of malodors.

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General Title V Requirements**

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

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

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

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

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

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

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

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

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

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

#027 [25 Pa. Code § 127.3]**Operational Flexibility**

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

- (1) Section 127.14 (relating to exemptions)

SECTION B. General Title V Requirements

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

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

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

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

(1) The permittee shall submit the first RMP to a central point specified by EPA no later than the latest of the following:

- (i) Three years after the date on which a regulated substance is first listed under § 68.130; or,
- (ii) The date on which a regulated substance is first present above a threshold quantity in a process.

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

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

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

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

(1) Submit a compliance schedule for satisfying the requirements of 40 CFR Part 68 by the date specified in 40 CFR § 68.10(a); or,

(2) Certify that the Title V facility is in compliance with all requirements of 40 CFR Part 68 including the registration and submission of the RMP.

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

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

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

**SECTION B. General Title V Requirements**

(2) The permittee fails to submit a compliance schedule or include a statement in the compliance certification required under Condition #26 of Section B of this Title V permit that the Title V facility is in compliance with the requirements of Section 112(r) of the Clean Air Act, 40 CFR Part 68, and 25 Pa. Code § 127.512(i).

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

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

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

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

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

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

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

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

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

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

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

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

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

The permittee shall not allow the emission into the outdoor atmosphere of any fugitive air contaminant from a source other than the following:

- (a) Construction or demolition of buildings or structures.
- (b) Grading, paving and maintenance of roads and streets.
- (c) 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.
- (d) Clearing of land.
- (e) Stockpiling of materials.
- (f) Sources and classes of sources other than those identified in above part (a) through (e), for which the operator has obtained a determination from the Department that fugitive emissions from the source, after appropriate control, meet the following requirements:
 - (1) The emissions are of minor significance with respect to causing air pollution.
 - (2) The emissions are not preventing or interfering with the attainment or maintenance of any ambient air standard.

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

The permittee shall not allow the emission of fugitive particulate matter into the outdoor atmosphere from a source specified in Section C, Condition #001, if the emissions are visible at the point the emissions pass outside the permittee's property.

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

The permittee shall not allow the emission into the outdoor atmosphere of any malodorous air contaminants from any source in a manner that the malodors are detectable outside the permittee's property.

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

The permittee shall not allow the emission into the outdoor atmosphere of visible air contaminants in such a manner that the opacity of the emission is either of the following:

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

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

The emission limitation of 25 Pa. Code §123.41 shall not apply when:

- (a) The presence of uncombined water is the only reason for failure of the emission to meet the limitation.
- (b) The emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions.
- (c) The emission results from sources specified in Section C, Condition #001.

**SECTION C. Site Level Requirements****# 006 Elective Restriction**

- (a) Hazardous air pollutants (HAP) as defined in section 112b of the Clean Air Act, are limited at the facility to emission of any single HAP to less than 10 tons per year. Also, total HAPs emission from the facility shall be less than 25 tons per year.
- (b) Compliance with the limitations at (a) above shall be achieved by restricting the following gasoline and distillate through-puts, and emissions:
- (1) Facility through-put limits during any consecutive 12 months period:
- Gasoline: 670,140,000 gallons
Distillate: 1,545,170,000 gallons
- (2) The VOC emissions shall be limited to 113.13 tons per 12-month rolling total.
- (c) On a monthly basis, the gasoline through-put at the loading rack shall be recorded and retained at the site. The monthly through-put is to be a total of the daily through-puts for the month.
- (d) The fuel analysis indicating the weight percentage of VOC, each HAP and combined HAPs in gasoline supplied to Mechanicsburg Terminal shall be kept at the Terminal, and submitted to the Department's representative upon request. The record may be from the test report from the supplier or refinery test laboratory.
- (e) The permittee shall maintain the monthly and the 12-month rolling total of the gasoline through-put, VOC, any single HAP, and combined HAPs emissions from Mechanicsburg Terminal. The records shall be made available to the Department's representative upon request.
- (f) In demonstrating compliance with the above through-put and emissions restrictions, the permittee shall submit an annual report, which document that the facility's individual HAP and total HAPs emissions were less than 10 tons and 25 tons respectively during the preceeding calendar year, in conjunction with 25 Pa. Code Section 135.3. The report must contain emission information from all sources located at the facility with the potential to emit hazardous air pollutants.
- (g) By complying with the conditions of this permit, the permittee has capped this facility below the applicability threshold of condition (a) above, and will not be required to comply with the provisions of 40 CFR Part 63 Sub Part R.

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

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

008 [25 Pa. Code §139.1]**Sampling facilities.**

Upon request by the Department, the permittee shall provide adequate sampling ports, safe sampling platforms and adequate utilities for the performance by the Department of tests on such source. The Department will set forth, in the request, the time period in which the facilities shall be provided as well as the specifications for such facilities.

**SECTION C. Site Level Requirements****III. MONITORING REQUIREMENTS.****# 009 [25 Pa. Code §123.43]****Measuring techniques**

Visible air contaminants may be measured using either of the following:

- (a) A device approved by the Department and maintained to provide accurate opacity measurements.
- (b) Observers, trained and certified in EPA Method 9 to measure plume opacity with the naked eye or with the aid of any device(s) approved by the Department.

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

(a) The permittee shall monitor the facility weekly 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 emissions (as per 25 Pa. Code §§ 123.1 and 123.2).

(b) Objectionable odors, fugitive 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.
- (5) for any observed problems, a first attempt at equipment repair must be made within 15 days of discovery, and DEP must be notified if the final repair is not completed in 30 days.

(c) 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.

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

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

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

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

The permittee shall maintain 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.

013 [25 Pa. Code §129.62]**General standards for bulk gasoline terminals/plants, and small gasoline storage tanks**

**SECTION C. Site Level Requirements**

(a) Recordkeeping shall be as follows:

(1) The permittee shall maintain records of certification testing and repairs. The records shall identify the gasoline tank truck, vapor collection system or vapor control system; the date of the test or repair; and, if applicable, the type of repair and the date of retest. The records shall be maintained in a legible, readily-available condition for 5 years after the date the testing or repair was completed.

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

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

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

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

[§129.62 (d) and (e)]

V. REPORTING REQUIREMENTS.

014 [25 Pa. Code §127.512]

Operating permit terms and conditions.

The permittee shall report malfunctions to the Department which result in, or may possibly result in, the emission of air contaminants in excess of the limitations specified in this permit, or regulation contained in 25 Pa. Code Article III.

Malfunctions shall be reported as follows:

(a) Any malfunction which poses an imminent danger to the public health, safety, welfare, and environment, shall be immediately reported to the Department by telephone. The telephone report of such malfunctions shall occur no later than two (2) hours after the incident. The permittee shall submit a written report of instances of such malfunctions to the Department within three (3) days of the telephone report.

(b) Unless otherwise required by this permit, any other malfunction that is not subject to the reporting requirement of subsection (a) above, shall be reported to the Department, in writing, within five (5) days of malfunction discovery.

(c) Telephone reports can be made to the Lancaster District Office at (717) 299-7601 during normal business hours or to the Department's Emergency Hotline (866) 825-0208 at any time.

(d) Written reports of malfunctions shall describe, at a minimum, the following:

- (1). The malfunction(s).
- (2). The emission(s).
- (3). The duration.
- (4). Any corrective action taken.

**SECTION C. Site Level Requirements****# 015 [25 Pa. Code §135.3]****Reporting**

(a) The permittee shall submit an annual emissions report to the Department. The report (AIMS) for a given calendar year is due no later than March 1 of the following year, and shall be submitted to the Department's Air Quality District Supervisor unless otherwise specified.

(b) The permittee may request an extension of time from the Department for filing of the emission report specified in paragraph (a), above, and the Department may grant the extension for reasonable cause.

VI. WORK PRACTICE REQUIREMENTS.**# 016 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

The permittee shall take all reasonable actions to prevent particulate matter from a source identified in Section C, Condition #001 from becoming airborne, as per §123.1(c). These actions shall include, but are not 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 earthmoving equipment, erosion by water, or other means.

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

The permittee shall immediately, upon discovery, implement measures, which may include the application for the installation of an air 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.

018 [25 Pa. Code §127.444]**Compliance requirements.**

The permittee shall operate and maintain all sources and any air cleaning devices identified in this operating permit in accordance with the manufacturers' recommendations/specifications, as well as in a manner consistent with good operating practices.

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

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

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

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

(i) Gauge pressure from exceeding 18 inches of water (4,500 pascal) and vacuum from exceeding 6 inches of water (1,500 pascals) in the gasoline tank truck.

(ii) A reading equal to or greater than 100 percent 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 25 Pa. Code §139.14

**SECTION C. Site Level Requirements**

(relating to emissions of volatile organic compounds) during loading or unloading operations.

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

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

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

(4) The pressure and vacuum relief valves on storage vessels and tank trucks or trailers are set to release at no less than 0.7 psig (4.8 kilopascals) of pressure or 0.3 psig (2.1 kilopascals) of vacuum or the highest allowable pressure and vacuum as specified in State or local fire codes, the National Fire Prevention Association guidelines or other standards acceptable to the Department.

(c) The permittee shall not allow a gasoline tank truck to be filled or emptied in Pennsylvania unless the gasoline tank truck:

(1) Has been tested by the tank truck owner or operator within the immediately preceding 12 months in accordance with 25 Pa. Code §139.14.

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

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

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

[§129.62 (a), (b) and (c)]

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

Nothing herein shall be construed to supersede, amend, or authorize violation of the provisions of any valid and applicable local law, ordinance, or regulation, or any court order, provided that said local law, ordinance, or regulation, or court order is not preempted by the Air Pollution Control Act, Act of January 8, 1960, P.L. 2119 (1959), as amended, 35 P.S. §4001 et seq., and the rules and regulations promulgated thereunder. It is the applicant's responsibility, separate and apart from the application process, to obtain any authorizations, permits, approvals, or licenses that the applicant might need in order to perform the construction permitted by this plan approval, including access, ownership, or lease of the subject parcel or parcels of property. The Department incurs no enforcement obligations with respect to this condition.

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

The potential fugitive plus stack emissions from this facility, after appropriate control as prescribed in this permit, have been estimated as follows: 113.13 tpy of VOCs, 4.61 tpy total HAP, 14.19 tpy of CO, 5.64 tpy of NOx, 0.17 tpy TSP, 0.06 tpy SOx, 1,724.07 tpy CO₂, 0.05 tpy N₂O and 0.05 tpy CH₄. The Department has determined these emissions remaining after appropriate control are of minor significance with regard to causing air pollution, and will not prevent or interfere with the attainment or maintenance of an ambient air quality standard.

022 [25 Pa. Code §127.511]**Monitoring and related recordkeeping and reporting requirements.**

Per Site Level Category VIII 'COMPLIANCE CERTIFICATION' below, the permittee may forward the annual compliance certification report electronically to EPA, in lieu of the hard copy version, to the email address: R3_APD_Permits@epa.gov

**SECTION C. Site Level Requirements****# 023 [25 Pa. Code §129.14]****Open burning operations**

(a) The permittee shall not allow the open burning of material on the permittee's property in a manner that:

- (1) The emissions are visible, at any time, at the point such emissions pass outside the permittee's property.
- (2) Malodorous air contaminants from the open burning are detectable outside the permittee's property.
- (3) The emissions interfere with the reasonable enjoyment of life and property.
- (4) The emission cause damage to vegetation or property.
- (5) The emissions are or may be deleterious to human or animal health.

(b) Exceptions. The requirements of para (a), above, do not apply where the open burning operations result from:

- (1) A fire set to prevent or abate a fire hazard, when approved by the Department and set by or under the supervision of a public official.
- (2) Any fire set for the purpose of instructing personnel in fire fighting, when approved by the Department.
- (3) A fire set for the prevention and control of disease or pests, when approved by the Department.
- (4) A fire set solely for recreational or ceremonial purposes.
- (5) A fire set solely for cooking food.

(c) This permit does not constitute authorization to burn solid waste pursuant to Section 610 (3) of the Solid Waste Management Act, 35 P. S. Section 6018.610 (3), or any other provisions of the Solid Waste Management Act.

VIII. COMPLIANCE CERTIFICATION.

The permittee shall submit within thirty days of 01/01/2020 a certificate of compliance with all permit terms and conditions set forth in this Title V permit as required under condition #026 of section B of this permit, and annually thereafter.

IX. COMPLIANCE SCHEDULE.

No compliance milestones exist.

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

SECTION D. Source Level Requirements

Source ID: 210

Source Name: TWO BUILDING HEATERS, 0.219 & 0.112 MMBTU/HR

Source Capacity/Throughput: 0.331 MMBTU/HR

30.000 Gal/HR NO. 2 OIL

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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: 101A

Source Name: NEW TANK 1, CAP. 1,050,000 GAL, IFR

Source Capacity/Throughput:

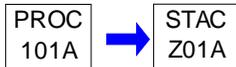
2.000 Th Gal/HR

GASOLINE

Conditions for this source occur in the following groups: 01

03

04

**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.

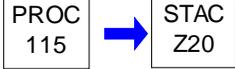
No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

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

SECTION D. Source Level Requirements

Source ID: 115 Source Name: TANK 8, CAP. 365,400 GAL, FIXED ROOF
 Source Capacity/Throughput: 1.000 Th Gal/HR LSD

Conditions for this source occur in the following groups: 02

**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: 116 Source Name: TANK 18, CAP. 646,800 GAL, FIXED ROOF
Source Capacity/Throughput: 2.000 Th Gal/HR DIESEL

Conditions for this source occur in the following groups: 02



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: 201

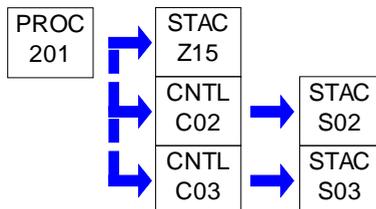
Source Name: LOADING RACK GASOLINE/DISTILLATE

Source Capacity/Throughput:

30.000 Th Gal/HR

GAS. /DIST. /ETHANOL

Conditions for this source occur in the following groups: 04

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

[Additional authority for this permit Condition is derived from Plan Approval No. 21-05029B]

Pursuant to the best available technology, the VOC emissions from Control ID C03 (VRU) shall not exceed 10 mg/l of gasoline loaded.

002 [25 Pa. Code §129.59]**Bulk gasoline terminals**

(a) The Section 129.59(a) requires that the Loading Rack be equipped with a vapor collection and disposal system capable of processing volatile organic vapors and gases so that no more than 0.668 pounds (30.3 grams of gasoline (measured as propane) are emitted to the atmosphere for every 100 gallons (380 litres) of gasoline loaded (equivalent to 80 mg/l).

(b) The vapor collection and disposal system shall be operated at all times during the loading of gasoline, and when gasoline vapors are present in the tank-truck during distillate loading.

Note: The permittee has opted to limit the above emissions to 35 milligrams of total organic compounds per liter (mg/l) of gasoline loaded (measured as propane). The permittee shall, therefore, comply with this limit.

II. TESTING REQUIREMENTS.**# 003 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

(a) Pursuant to 25 Pa. Code § 139.3 at least 90 calendar days prior to commencing an emissions testing program, unless otherwise approved in writing by DEP, a test protocol shall be submitted to the Department for review and approval. Unless otherwise approved in writing by DEP, the permittee shall not conduct the test that is the subject of the protocol, until the protocol has been approved by DEP.

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

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

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

**SECTION D. Source Level Requirements**

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

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

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

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

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

(h) Pursuant to 25 Pa. Code Section 139.53(a)(1) and 139.53(a)(3) all submittals, besides notifications, shall be accomplished through PSIMS*Online available through <https://www.depgreenport.state.pa.us/ecommm/Login.jsp> when it becomes available. If internet submittal cannot be accomplished, one paper copy and one digital copy of each submittal shall be made to each of the following:

Regional Office:

Paper copy: Program Manager, Air Quality Program, PA DEP Southcentral Regional Office, 909 Elmerston Avenue, Harrisburg, PA 17110

Digital copy: RA-epscstacktesting@pa.gov

Bureau of Air Quality:

Paper copy: PA DEP, Bureau of Air Quality, Division of Source Testing and Monitoring, 400 Market Street, 12th Floor Rachael Carson State Office Building, Harrisburg, PA 17105-8468

Digital copy: RA-epstacktesting@pa.gov

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

004 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

Unless otherwise approved in writing by DEP, a performance test of Source ID 201 VRU shall be conducted, at least 1-year prior to expiration of this permit, while the unit is operating within the 10 percent of 100 percent peak (or the highest achievable) source load. The testing shall be for VOC.

III. MONITORING REQUIREMENTS.

005 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

The permittee shall perform the following parametric monitoring and inspections to ensure credible evidence of satisfactory operation of the Source ID 201 and its controls:

- (a) For the existing back-up vapor combustion unit (VCU) system, the pilot is ignited prior to gasoline tank truck loading, and

SECTION D. Source Level Requirements

checked during daily visual inspection and preventive maintenance inspection

(b) For the VCU, a temperature recorder probe is located at the combustion chamber exhaust. The temperature is recorded and reviewed on a daily basis.

(c) The permittee elects to, and therefore, shall:

(1) Perform computerized trend analysis of the operating temperatures or the most representative of the parameters with a 'trend page' in a personal computer (PC), reviewed on a weekly basis (during one of the above daily inspection at the beginning of a work-week).

(2) Maintain a written plan for the startup, shutdown and malfunction for the VRU and VCU. This plan may include a procedure how to rectify any PC data transmission and storage defects, which may not be included in the control system and the permit Section C malfunctions and reporting referenced in Section C.

006 [25 Pa. Code §127.511]**Monitoring and related recordkeeping and reporting requirements.**

(a) The permittee shall conduct daily (week days only) visual inspection of the loading rack and vapor collection and disposal system.

(b) Preventive maintenance inspection shall be performed on a semi-annual basis and recorded.

IV. RECORDKEEPING REQUIREMENTS.**# 007 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

[Additional authority for this permit condition is derived from 25 Pa. Code §135.5 and §129.59(c)]

(a) The permittee shall keep quarterly records of the VRU and back-up VCU parametric monitoring, and other operating information in accordance with the procedure referenced in above Condition #005.

(b) The permittee shall keep record of the results of the stack test as per the Condition #002(c) above for five years, and submit it to the Department's representative upon request.

(c) Once every week, the permittee shall keep record of the daily visual inspection of Loading Rack, VRU, and the back-up VCU.

(d) The permittee shall keep records of daily, monthly and annual gasoline and distillate throughputs at Loading Rack. The records shall be submitted to the Department as per the requirements in Condition #024, Section B, General Title V Requirements, and in conjunction with Section C. The records shall be retained for five years and submitted to the Department's representative upon request.

(e) A record of the semi-annual preventive maintenance inspections performed on the Loading Rack and its controls shall be maintained for five years and submitted to the Department's representative upon request.

[§129.59(c)]

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).

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

For the VRU, the permittee shall perform the carbon activation level and break-through testing as per the manufacturer's specification.

009 [25 Pa. Code §129.59]**Bulk gasoline terminals**

(a) The permittee may not allow 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 vaportight connections and which will be closed upon disconnection.

(b) The loading arms shall be equipped with an interlock device that prevents loading of gasoline until the vapor recovery device is engaged.

[Section 129.59(b)]

VII. ADDITIONAL REQUIREMENTS.**# 010 [25 Pa. Code §127.444]****Compliance requirements.**

The permittee shall operate and maintain Loading Rack, VRU, and the back-up VCU in accordance with the manufacturer's specifications, or as per the operational manual.

011 [25 Pa. Code §129.62]**General standards for bulk gasoline terminals/plants, and small gasoline storage tanks**

The permittee shall not load gasoline from the loading rack into storage vessels and tank trucks unless the pressure and vacuum relief valves on the storage vessel and tank trucks are set to release at no less than 0.7 psig (4.8 kilopascals) of pressure, or 0.3 psig (2.1 kilopascals) of vacuum or the highest allowable pressure and vacuum as specified in State or local fire codes, the National Fire Prevention Association guidelines or other National consensus standards acceptable to the Department, as per §129.62 (b)(4).

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

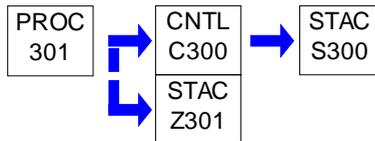
SECTION D. Source Level Requirements

Source ID: 301

Source Name: PUMP STATION SEAL LEAKS

Source Capacity/Throughput:

Conditions for this source occur in the following groups: 05

**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: 302

Source Name: PUMP STATION MAINTENANCE OPERATIONS

Source Capacity/Throughput:

Conditions for this source occur in the following groups: 05

**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 E. Source Group Restrictions.**

Group Name: 01

Group Description: Gasoline Tanks Internal Floating Roof Above-ground

Sources included in this group

ID	Name
101A	NEW TANK 1, CAP. 1,050,000 GAL, IFR
110	TANK 17, CAP. 361,200 GAL, IFR
112	TANK 19, CAP. 3,376,800 GAL, IFR
117	NEW TANK 4, CAP. 210,000 GAL, IFR

I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.**# 001 [25 Pa. Code §129.56]****Storage tanks greater than 40,000 gallons capacity containing VOCs**

As per §129.56(f)(3), the permittee shall maintain records of the types of volatile petroleum liquids stored, the maximum true vapor pressure of the liquid as stored, and the results of the inspections performed in accordance with §129.56(c) referenced at §129.56(f)(1) [in above Condition #001].

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

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

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

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

(2) Vapor recovery system. A vapor recovery system, consisting of a vapor gathering system capable of collecting the volatile organic compound vapors and gases discharged and a vapor disposal system capable of processing such volatile organic vapors and gases so as to prevent their emission to the atmosphere. Tank gauging and sampling devices shall be

**SECTION E. Source Group Restrictions.**

gas-tight except when gauging or sampling is taking place. The vapor recovery system shall be maintained in good working order and recover at least 80% of the vapors emitted by such tank.

(b) NOT APPLICABLE. TANKS DO NOT HAVE EXTERNAL FLOATING ROOF.

(c) As per §129.56(c), an internal floating roof shall be fitted with a mechanical shoe primary seal and must comply with the following equipment requirements of this section:

(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 material.

(3) Openings except stub drains are equipped with covers, lids or seals such that:

(i) The cover, lid, or seal is in the closed position at all times except when in actual use.

(ii) Automatic bleeder vents are closed at all times except when the roof is floated off or landed on the roof leg supports.

(iii) Rim vents, if provided are set to open when the roof is being floated off the roof leg supports or at the recommended setting of the manufacturer.

(d) NOT APPLICABLE. TANKS DO NOT STORE LISTED ITEMS.

(e) The equipment requirements apply to the petroleum liquid storage vessels. These tanks shall comply with the maintenance, inspection and reporting requirements of this section. These petroleum liquid storage vessels are those:

(1) Which contain a petroleum liquid with a true vapor pressure less than 4 psia (27.6 kilopascals) and which are of welded construction and which presently possess a metallic-type shoe seal, a liquid-mounted foam seal, a liquid-mounted liquid filled type seal, or other closure device of demonstrated equivalence approved by the Department.

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

(f) The owner or operator of a petroleum liquid storage vessel with a floating roof subject to this regulation shall:

(1) Perform routine inspections annually in order to insure compliance with subsection (b) or (c). The inspection shall include a visual inspection of the secondary seal gap when inspecting external floating roof tanks.

(2) For external floating roof tanks, measure the secondary seal gap annually in accordance with subsection (b)(1)(iii) when the floating roof is equipped with a vapor-mounted primary seal.

(3) Maintain records of the types of volatile petroleum liquids stored, the maximum true vapor pressure of the liquid as stored, and the results of the inspections performed in subsection (f)(1) and (2). Copies of the records shall be retained by the owner or operator for a period of 2 years after the date on which the record was made and shall be made available to the Department upon written or verbal request at a reasonable time.

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

(h) If a failure is detected during inspections required in this section, the owner or operator, or both, shall repair the items or empty and remove the storage vessel from service within 45 days. If this failure cannot be repaired within 45 days and if the vessel cannot be emptied within 45 days, a 30-day extension may be requested from the Department. A request for an extension shall document that alternate storage capacity is unavailable and specify a schedule of actions the owner or operator 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 30-day time requested.

**SECTION E. Source Group Restrictions.**

[§129.56 (a), (c), (e), (g) and (h)]

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

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

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

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

(b) An external floating roof shall be fitted with a primary seal and a continuous secondary seal extending from the floating roof to the tank wall (rim-mounted secondary seal). The external floating roof shall meet the following equipment requirements:

(1) Seal closure devices shall meet the following requirements:

(i) There are no visible holes, tears or other openings in the seals or seal fabric.

(ii) The seals are intact and uniformly in place around the circumference of the floating roof between the floating roof and the tank wall.

(iii) For tanks with vapor-mounted primary seals, the accumulated area of gaps exceeding 1/8 inch in width between the secondary seal and the tank wall shall not exceed 1 square inch per foot of tank diameter. Compliance with this subsection shall be determined by physically measuring the length and width of gaps around the entire circumference of the secondary seal in each place where a 1/8 inch uniform diameter probe passes freely (without forcing or binding against the seal) between the seal and tank wall and by summing the area of the individual gaps.

(2) Openings in the external floating roof, except for automatic bleeder vents, rim space vents and leg sleeves, are as follows:

(i) Equipped with covers, seals or lids in the closed position except when the openings are in actual use.

(ii) Equipped with projections into the tank which remain below the liquid surface at all times.

(3) Automatic bleeder vents are closed at all times except when the roof is floated off or landed on the roof leg supports.

(4) Rim vents are set to open when the roof is being floated off the leg supports or at the recommended setting of the manufacturer.

(5) Emergency roof drains are provided with slotted membrane fabric covers or equivalent covers which cover at least 90% of the area of the opening.

(c) An 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.

**SECTION E. Source Group Restrictions.**

- (2) There are no holes, tears or other openings in the seal or a seal fabric or materials.
- (3) Openings except stub drains are equipped with covers, lids or seals such that:
 - (i) The cover, lid or seal is in the closed position at all times except when in actual use.
 - (ii) Automatic bleeder vents are closed at all times except when the roof is floated off or landed on the roof leg supports.
 - (iii) Rim vents, if provided are set to open when the roof is being floated off the roof leg supports or at the recommended setting of the manufacturer.
- (d) This section does not apply to petroleum liquid storage vessels which:
 - (1) Are used to store waxy, heavy pour crude oil.
 - (2) Have capacities less than 420,000 gallons and are used to store produced crude oil and condensate prior to lease custody transfer.
- (e) For the purposes of this section, the petroleum liquid storage vessels listed in this subsection comply with the equipment requirements of this section. These tanks shall comply with the maintenance, inspection and reporting requirements of this section. These petroleum liquid storage vessels are those:
 - (1) Which contain a petroleum liquid with a true vapor pressure less than 4 psia (27.6 kilopascals) and which are of welded construction and which presently possess a metallic-type shoe seal, a liquid-mounted foam seal, a liquid-mounted liquid filled type seal or other closure device of demonstrated equivalence approved by the Department.
 - (2) Which are of welded construction, equipped with a metallic-type shoe primary seal and has a secondary seal from the top of the shoe seal to the tank wall (shoe-mounted secondary seal).
- (g) For volatile organic compounds whose storage temperature is governed by ambient weather conditions, the vapor pressure under actual storage conditions shall be determined using a temperature which is representative of the average storage temperature for the hottest month of the year in which the storage takes place.

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

**SECTION E. Source Group Restrictions.**

Group Name: 02

Group Description: Distillate Tanks Fixed Roof Above-ground

Sources included in this group

ID	Name
105	TANK 7, CAP. 365,400 GAL, FIXED ROOF
113	TANK 6, CAP. 361,200 GAL, FIXED ROOF
114	TANK 16, CAP. 352,800 GAL, FIXED ROOF
115	TANK 8, CAP. 365,400 GAL, FIXED ROOF
116	TANK 18, CAP. 646,800 GAL, FIXED ROOF

I. RESTRICTIONS.**Emission Restriction(s).****# 001 Elective Restriction**

The permittee shall not store a petroleum liquid in the distillate tanks, Source IDs 105 and 113 through 116, which as stored, has a true vapor pressure equal to or greater than 10.3 kPa (1.5 psia).

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 §127.511]****Monitoring and related recordkeeping and reporting requirements.**

The type of fuel material stored and its true vapor pressure in each one of the distillate tanks shall be recorded on a monthly basis, retained at the site, and made available to the Department's representative(s) upon request.

V. REPORTING REQUIREMENTS.**# 003 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

The type of fuel material stored and its true vapor pressure in each one of the distillate tanks and compliance with Section E, Condition #001 shall be reported annually, along with other site level requirements in Section C.

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 E. Source Group Restrictions.**

Group Name: 03

Group Description: Gasoline Tanks Internal Floating Roof Subject to NSPS Subpart Kb

Sources included in this group

ID	Name
101A	NEW TANK 1, CAP. 1,050,000 GAL, IFR
117	NEW TANK 4, CAP. 210,000 GAL, IFR

I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.**# 001 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

Individual sources within this source group that are subject to 40 CFR Part 60 Subpart Kb shall comply with all applicable requirements of the Subpart. 40 CFR 60.4 requires submission of copies of all requests, reports and other communications to both the Department and the EPA. The EPA copies shall be forwarded to:

Director
Air Protection Division (3AP00)
U.S. EPA Region III
1650 Arch Street
Philadelphia, PA 19103-2029

The Department copies shall be forwarded to:

Regional Air Program Manager
PA Department of Environmental Protection
909 Elmerton Avenue
Harrisburg, PA 17110-8200

In the event that the Federal Subpart that is the subject of this Source Group is revised, the permittee shall comply with the revised version of the subpart, and shall not be required to comply with any provisions in this permit designated as having

**SECTION E. Source Group Restrictions.**

the subpart as their authority, to the extent that such permit provisions would be inconsistent with the applicable provisions of the revised subpart.

002 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.110b]**Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984****Applicability and designation of affected facility.**

§60.110b Applicability and designation of affected facility.

(a) Except as provided in paragraph (b) of this section, the affected facility to which this subpart applies is each storage vessel with a capacity greater than or equal to 75 cubic meters (m³) that is used to store volatile organic liquids (VOL) for which construction, reconstruction, or modification is commenced after July 23, 1984.

(b) This subpart does not apply to storage vessels with a capacity greater than or equal to 151 m³ storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa) or with a capacity greater than or equal to 75 m³ but less than 151 m³ storing a liquid with a maximum true vapor pressure less than 15.0 kPa.

(c) [Reserved]

(d) This subpart does not apply to the following:

- (1) NA. TANK NOT AT COKE OVEN BY-PRODUCT PLANT.
- (2) NA. NOT DESIGNATED TO OPERATE IN EXCESS OF 204.9 kPa (29.7 psia)
- (3) NA. NOT ATTACHED TO MOBILE VEHICLE.
- (4) NA. NOT FOR CONDENSATE STORAGE.
- (5) NA. NOT BULK GASOLINE PLANT.
- (6) NA. NOT LOCATED AT SERVICE STATION.
- (7) NA. NOT FOR BEVERAGE ALCOHOL.
- (8) NA NOT SUBJECT TO SUBPART GGGG OF 40CFR63.

(e) NA - ALTERNATIVE COMPLIANCE OPTION NOT CHOSEN

[52 FR 11429, Apr. 8, 1987, as amended at 54 FR 32973, Aug. 11, 1989; 65 FR 78275, Dec. 14, 2000; 68 FR 59332, Oct. 15, 2003]

§60.112b Standard for volatile organic compounds (VOC).

(a) The owner or operator of each storage vessel either with a design capacity greater than or equal to 151 m³ containing a VOL that, as stored, has a maximum true vapor pressure equal to or greater than 5.2 kPa but less than 76.6 kPa or with a design capacity greater than or equal to 75 m³ but less than 151 m³ containing a VOL that, as stored, has a maximum true vapor pressure equal to or greater than 27.6 kPa but less than 76.6 kPa, shall equip each storage vessel with one of the following:

(1) A fixed roof in combination with an internal floating roof meeting the following specifications:

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

**SECTION E. Source Group Restrictions.**

(ii) Each internal floating roof shall be equipped with one of the following closure devices between the wall of the storage vessel and the edge of the internal floating roof:

(A) A foam- or liquid-filled seal mounted in contact with the liquid (liquid-mounted seal). A liquid-mounted seal means a foam- or liquid-filled seal mounted in contact with the liquid between the wall of the storage vessel and the floating roof continuously around the circumference of the tank.

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

(C) A mechanical shoe seal. A mechanical shoe seal is a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and is connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof.

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

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

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

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

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

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

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

(2) NA. EXTERNAL FLOATING ROOF NOT INSTALLED

(3) NA - CLOSED VENT SYSTEM NOT REQUIRED

(4) NA - EQUIVALENT SYSTEM NOT ELECTED

(b) NA - GASOLINE IN TANKS IS UNDER SPECIFIED VAPOR PRESSURE

(c) NA - CONDITIONS SPECIFIC TO OTHER SITE

[52 FR 11429, Apr. 8, 1987, as amended at 62 FR 52641, Oct. 8, 1997]

§60.113b Testing and procedures.

The owner or operator of each storage vessel as specified in §60.112b(a) shall meet the requirements of paragraph (a), (b), or (c) of this section. The applicable paragraph for a particular storage vessel depends on the control equipment installed to meet the requirements of §60.112b.

(a) After installing the control equipment required to meet §60.112b(a)(1) (permanently affixed roof and internal floating roof), each owner or operator shall:

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- (1) Visually inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service), prior to filling the storage vessel with VOL. If there are holes, tears, or other openings in the primary seal, the secondary seal, or the seal fabric or defects in the internal floating roof, or both, the owner or operator shall repair the items before filling the storage vessel.
- (2) For Vessels equipped with a liquid-mounted or mechanical shoe primary seal, visually inspect the internal floating roof and the primary seal or the secondary seal (if one is in service) through manholes and roof hatches on the fixed roof at least once every 12 months after initial fill. If the internal floating roof is not resting on the surface of the VOL inside the storage vessel, or there is liquid accumulated on the roof, or the seal is detached, or there are holes or tears in the seal fabric, the owner or operator shall repair the items or empty and remove the storage vessel from service within 45 days. If a failure that is detected during inspections required in this paragraph cannot be repaired within 45 days and if the vessel cannot be emptied within 45 days, a 30-day extension may be requested from the Administrator in the inspection report required in §60.115b(a)(3). Such a request for an extension must document that alternate storage capacity is unavailable and specify a schedule of actions the company will take that will assure that the control equipment will be repaired or the vessel will be emptied as soon as possible.
- (3) For vessels equipped with a double-seal system as specified in §60.112b(a)(1)(ii)(B):
- (i) Visually inspect the vessel as specified in paragraph (a)(4) of this section at least every 5 years; or
 - (ii) Visually inspect the vessel as specified in paragraph (a)(2) of this section.
- (4) Visually inspect the internal floating roof, the primary seal, the secondary seal (if one is in service), gaskets, slotted membranes and sleeve seals (if any) each time the storage vessel is emptied and degassed. If the internal floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, or the gaskets no longer close off the liquid surfaces from the atmosphere, or the slotted membrane has more than 10 percent open area, the owner or operator shall repair the items as necessary so that none of the conditions specified in this paragraph exist before refilling the storage vessel with VOL. In no event shall inspections conducted in accordance with this provision occur at intervals greater than 10 years in the case of vessels conducting the annual visual inspection as specified in paragraphs (a)(2) and (a)(3)(ii) of this section and at intervals no greater than 5 years in the case of vessels specified in paragraph (a)(3)(i) of this section.
- (5) Notify the Administrator in writing at least 30 days prior to the filling or refilling of each storage vessel for which an inspection is required by paragraphs (a)(1) and (a)(4) of this section to afford the Administrator the opportunity to have an observer present. If the inspection required by paragraph (a)(4) of this section is not planned and the owner or operator could not have known about the inspection 30 days in advance or refilling the tank, the owner or operator shall notify the Administrator at least 7 days prior to the refilling of the storage vessel. Notification shall be made by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, this notification including the written documentation may be made in writing and sent by express mail so that it is received by the Administrator at least 7 days prior to the refilling.
- (b) NA - DOES NOT USE EXTERNAL FLOATING ROOF
- (c) NA - CLOSED VENT SYSTEM NOT REQUIRED
- (d) NA - CLOSED VENT SYSTEM NOT REQUIRED
- [52 FR 11429, Apr. 8, 1987, as amended at 54 FR 32973, Aug. 11, 1989]
- §60.114b Alternative means of emission limitation.
- (a) - (d) NA - NO ALTERNATIVE LIMIT
- §60.115b Reporting and recordkeeping requirements.
- The owner or operator of each storage vessel as specified in §60.112b(a) shall keep records and furnish reports as required by paragraphs (a), (b), or (c) of this section depending upon the control equipment installed to meet the

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requirements of §60.112b. The owner or operator shall keep copies of all reports and records required by this section, except for the record required by (c)(1), for at least 2 years. The record required by (c)(1) will be kept for the life of the control equipment.

(a) After installing control equipment in accordance with §60.112b(a)(1) (fixed roof and internal floating roof), the owner or operator shall meet the following requirements.

(1) Furnish the Administrator with a report that describes the control equipment and certifies that the control equipment meets the specifications of §60.112b(a)(1) and §60.113b(a)(1). This report shall be an attachment to the notification required by §60.7(a)(3).

(2) Keep a record of each inspection performed as required by §60.113b (a)(1), (a)(2), (a)(3), and (a)(4). Each record shall identify the storage vessel on which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment (seals, internal floating roof, and fittings).

(3) If any of the conditions described in §60.113b(a)(2) are detected during the annual visual inspection required by §60.113b(a)(2), a report shall be furnished to the Administrator within 30 days of the inspection. Each report shall identify the storage vessel, the nature of the defects, and the date the storage vessel was emptied or the nature of and date the repair was made.

(4) After each inspection required by §60.113b(a)(3) that finds holes or tears in the seal or seal fabric, or defects in the internal floating roof, or other control equipment defects listed in §60.113b(a)(3)(ii), a report shall be furnished to the Administrator within 30 days of the inspection. The report shall identify the storage vessel and the reason it did not meet the specifications of §60.112b(a)(1) or §60.113b(a)(3) and list each repair made.

(b) NA - DOES NOT USE EXTERNAL FLOATING ROOF

(c) NA - CLOSED VENT SYSTEM NOT REQUIRED

(d) NA - CLOSED VENT SYSTEM NOT REQUIRED

§60.116b Monitoring of operations.

(a) The owner or operator shall keep copies of all records required by this section, except for the record required by paragraph (b) of this section, for at least 2 years. The record required by paragraph (b) of this section will be kept for the life of the source.

(b) The owner or operator of each storage vessel as specified in §60.110b(a) shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel.

(c) Except as provided in paragraphs (f) and (g) of this section, the owner or operator of each storage vessel either with a design capacity greater than or equal to 151 m³ storing a liquid with a maximum true vapor pressure greater than or equal to 3.5 kPa or with a design capacity greater than or equal to 75 m³ but less than 151 m³ storing a liquid with a maximum true vapor pressure greater than or equal to 15.0 kPa shall maintain a record of the VOL stored, the period of storage, and the maximum true vapor pressure of that VOL during the respective storage period.

(d) Except as provided in paragraph (g) of this section, the owner or operator of each storage vessel either with a design capacity greater than or equal to 151 m³ storing a liquid with a maximum true vapor pressure that is normally less than 5.2 kPa or with a design capacity greater than or equal to 75 m³ but less than 151 m³ storing a liquid with a maximum true vapor pressure that is normally less than 27.6 kPa shall notify the Administrator within 30 days when the maximum true vapor pressure of the liquid exceeds the respective maximum true vapor pressure values for each volume range.

(e) Available data on the storage temperature may be used to determine the maximum true vapor pressure as determined below.

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

**SECTION E. Source Group Restrictions.**

temperatures, the maximum true vapor pressure is calculated based upon the maximum local monthly average ambient temperature as reported by the National Weather Service.

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

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

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

(3) For other liquids, the vapor pressure:

(i) May be obtained from standard reference texts, or

(ii) Determined by ASTM D2879-83, 96, or 97 (incorporated by reference—see §60.17); or

(iii) Measured by an appropriate method approved by the Administrator; or

(iv) Calculated by an appropriate method approved by the Administrator.

(f) NA - WASTE NOT STORED IN TANKS

(g) NA - CLOSED VENT SYSTEM NOT REQUIRED

[52 FR 11429, Apr. 8, 1987, as amended at 65 FR 61756, Oct. 17, 2000; 65 FR 78276, Dec. 14, 2000; 68 FR 59333, Oct. 15, 2003]

§60.117b Delegation of authority.

(a) In delegating implementation and enforcement authority to a State under section 111(c) of the Act, the authorities contained in paragraph (b) of this section shall be retained by the Administrator and not transferred to a State.

(b) Authorities which will not be delegated to States: §§60.111b(f)(4), 60.114b, 60.116b(e)(3)(iii), 60.116b(e)(3)(iv), and 60.116b(f)(2)(iii).

[52 FR 11429, Apr. 8, 1987, as amended at 52 FR 22780, June 16, 1987]

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

**SECTION E. Source Group Restrictions.**

Group Name: 04

Group Description: MACT, 40 CFR PART 63, SUBPART BBBBBB

Sources included in this group

ID	Name
101A	NEW TANK 1, CAP. 1,050,000 GAL, IFR
110	TANK 17, CAP. 361,200 GAL, IFR
112	TANK 19, CAP. 3,376,800 GAL, IFR
117	NEW TANK 4, CAP. 210,000 GAL, IFR
201	LOADING RACK GASOLINE/DISTILLATE
C02	CONTROL, VCU
C03	CONTROL, VRU

I. RESTRICTIONS.**Emission Restriction(s).****# 001 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11087]****Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What requirements must I meet for gasoline storage tanks if my facility is a bulk gasoline terminal, pipeline breakout sta**

TANKS REQUIREMENTS:

(a) The permittee shall meet each emission limit and management practice in Table 1 to this subpart as applicable to the gasoline storage tanks, as follows:

TABLE 1 REQUIREMENTS:

1. NOT APPLICABLE, this requirement is for tanks of less than 75 cubic meter.
2. For each gasoline storage tank with a capacity of greater than or equal to 75 cubic meter:
 - a. NOT APPLICABLE, this option not chosen by permittee, or
 - b. Equip each internal floating roof gasoline storage tank according to the requirements in §60.112b (a)(1), except for the secondary seal requirements under §60.112b (a)(1)(ii)(B) and the requirements in §60.112b (a)(1) (iv) through (ix); and
 - c. NOT APPLICABLE, or
 - d. Equip and operate each internal and external floating roof gasoline storage tank according to the applicable requirements in §63.1063(a)(1) and (b), and equip each external floating roof gasoline storage tank according to the requirements of §63.1063(a)(2) if such storage tank does not currently meet the requirements of §63.1063(a)(1).

END OF TABLE 1

(b) The floating roofs vessels not meeting the standards must be in compliance at the first degassing and cleaning activity after January 10, 2011 or by January 10, 2018, whichever is first.

002 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11088]**Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What requirements must I meet for gasoline loading racks if my facility is a bulk gasoline terminal, pipeline breakout sta**

LOADING RACKS REQUIREMENTS:

(a) 40 CFR §63.11088 requires the permittee to meet Table 2 of this section as follows:

TABLE 2 REQUIREMENTS:

**SECTION E. Source Group Restrictions.**

1. A gasoline loading rack(s) at a bulk gasoline terminal with a gasoline throughput of 250,000 gallons per day (gpd), or greater:
 - a. Equip the loading rack with a vapor collection system designed to collect TOC vapors displaced from cargo tanks (or tank trucks) during the product loading; and
 - b. Reduce emissions of TOC to less than or equal to 80 mg/l of gasoline loaded into gasoline cargo tanks at the loading rack; and
 - c. Design and operate the vapor collection system to prevent any TOC vapors collected at one loading rack from passing to another loading rack; and
 - d. Limit the loading of gasoline into gasoline cargo tanks (or tank trucks) that are vapor tight using the procedures specified in §60.502 (e) through (j).

2. NOT APPLICABLE [throughput less than 250,000 gpd]

END OF TABLE 2

II. TESTING REQUIREMENTS.**# 003 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11092]****Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What testing and monitoring requirements must I meet?**

(a) Each owner or operator subject to the emission standard in Sec. 63.11088 for gasoline loading rack must comply with the requirements in paragraphs (a) through (d) of this subsection {Note: Testing in Condition #003, Monitoring Condition #005, and Recordkeeping Condition #007. [The permittee shall conduct performance test in accordance with NSPS Subpart XX referenced in this Subpart (Sec. 60.503 and others)]}.

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

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

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

(a)(2) The permittee has complied with and must continue to comply with the emission limit of 80 milligram/liter (mg/l) of gasoline loaded [Section D, Source ID 201, Loading Rack, Condition #001(a)].

(a)(3) The permittee has complied with above (a)(1) (VCU performance test done on August 9, 2007 and accepted by Department's Source Testing Section on December 28, 2008. Also, the VRU performance test done on July 13, 2010 and accepted by the Department's Source Testing Section on January 11, 2011).

(a)(4) NOT APPLICABLE, Flare not used.

[§63.11092(a) (2) and (3)]

III. MONITORING REQUIREMENTS.**# 004 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11087]****Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What requirements must I meet for gasoline storage tanks if my facility is a bulk gasoline terminal, pipeline breakout station, or pipeline pumping station?**

TANKS REQUIREMENTS:

(c) and (d) The permittee shall comply with the applicable testing and monitoring requirements specified in §63.11092 for the gasoline storage tanks and submit the applicable notifications as required under §63.11093.

**SECTION E. Source Group Restrictions.****# 005 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11089]****Subpart BBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What requirements must I meet for equipment leak inspections if my facility is a bulk gasoline terminal, bulk plant, pipeline breakout station, or pipeline pumping station?**

(a) Each owner or operator of a bulk gasoline terminal, bulk plant, pipeline breakout station, or pipeline pumping station subject to the provisions of this subpart shall perform a monthly leak inspection of all equipment in gasoline service, as defined in Sec. 63.11100. For this inspection, detection methods incorporating sight, sound, and smell are acceptable.

[63.11089(a)]

006 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11092]**Subpart BBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What testing and monitoring requirements must I meet?**

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

VAPOR PROCESSING SYSTEM:

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

(b)(1)(i) CARBON ADSORPTION VAPOR RECOVERY Unit (VRU) {For Control ID C03}:

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

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

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

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

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

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

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

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

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

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

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an automated alarm or shutdown system that monitors and records system operation.

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

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

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

(b)(1)(ii) NOT APPLICABLE, Refrigeration condenser system not used.

(b)(1)(iii) THERMAL OXIDATION, VAPOR COMBUSTION UNIT (VCU) {For Control ID C02, back-up unit):

(b)(1)(iii)(B)(1): For a VCU, the presence of pilot flame shall be monitored using a heat sensing device installed in proximity of the pilot flame to indicate the presence of a flame.

(b)(1)(iii)(B)(2): The permittee shall ensure the following routine inspection and maintenance:

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

(ii) Daily, the permittee shall verify operations through visual observation, or an automated alarm, or shutdown system of the alarm and shutdown system.

(iii) Semi-annually, perform preventive maintenance of the thermal oxidation system.

(iv) Develop a monitoring plan that would be considered malfunctions of the VCU during the daily or periodic inspection, and describe the corrective actions that will be taken to correct any malfunction.

(v) The permittee shall document vapor collection system (VCU) malfunction, as defined in the monitoring and inspection plan, in a log book or other form of permanent record, including the quantity of gasoline loaded during malfunction. [Note: The installed operational control with computer and the continuous emissions monitoring and recording meets the requirements of this Condition.]

(b)(2) NOT APPLICABLE, Flare not used.

(b)(3) The permittee shall determine an operating parameter value based on the parameter data monitored during the source testing and the manufacturer's recommendations.

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

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

(i) Monitoring an operating parameter that has been approved by the Administrator and is specified in the permit. Should the Administrator require a new performance test, the permittee must determine the monitored operating parameter value according to the requirements specified in paragraph (b) of this section.

(ii) Determine the operating parameter value based on the manufacturer's specifications and submit the information specified in paragraph (b)(4) of this section for approval by the Administrator. Should the Administrator require a new performance test, the permittee must determine the monitored operating parameter value according to the requirements specified in paragraph (b) of this section.

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[§63.11092 (b), (b)(2), (b)(3), (b)(4), (b)(5) and (b)(5)(i) and (ii)]

(c) For subsequent performance testing, the permittee shall document the reason any change in the operating parameter value since the previous performance test.

(d) The permittee shall comply with the requirements in paragraphs (d)(1) through (4) of this section.

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

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

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

(4) A malfunction that are discovered shall not constitute a violation of the emission standard in §63.11088(a) if corrective action are taken, and are as follows:

(i) Initiate action within 1 hour.

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

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

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

(v) Take action to restore normal operation and prevent recurrence of the cause of the problem.

[§63.11092(c) and (d)]

GASOLINE STORAGE TANKS:

(e)(1) The permittee is subject to §63.11087 for the gasoline storage tanks as referenced NSPS Subpart Kb emission standards, and the inspection of the internal floating roof shall be performed in accordance with §60.113b(a).

(e)(2) NOT APPLICABLE, External floating roof tank not used.

(e)(3) If the gasoline storage tank is equipped with a closed vent system and control device, the permittee shall conduct a performance test and determine monitoring parameter value(s). Also, the applicable control shall be 95 percent reduction in the inlet total organic compounds (TOC) levels rather than 80 mg/l of gasoline loaded.

(f) The annual certification test for gasoline cargo tanks shall consist of the test methods specified in paragraphs (f)(1) or (f)(2) of this section.

(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 (P_{INF}) for the pressure test shall be 460 millimeters (mm) of water (18 inches of water), gauge. The initial vacuum (V_{INF}) for the vacuum test shall be 150 mm of water (6 inches of water), gauge. The maximum allowable pressure and vacuum changes ($[\Delta] p$, $[\Delta] v$) for all affected gasoline cargo tanks is 3 inches of water, or less, in 5 minutes.

(2) Railcar bubble leak test procedures. As an alternative to the annual certification test required under paragraph (1) of this section for certification leakage testing of gasoline cargo tanks, the owner or operator may comply with paragraphs (f)(2)(i) and (ii) of this section for railcar cargo tanks, provided the railcar cargo tank meets the requirement in paragraph (f)(2)(iii) of this section.

(i) Comply with the requirements of 49 CFR 173.31(d), 49 CFR 179.7, 49 CFR 180.509, and 49 CFR 180.511 for the periodic testing of railcar cargo tanks.

(ii) The leakage pressure test procedure required under 49 CFR 180.509(j) and used to show no indication of leakage under 49 CFR 180.511(f) shall be ASTM E 515-95, BS EN 1593:1999, or another bubble leak test procedure meeting the requirements in 49 CFR 179.7, 49 CFR 180.505, and 49 CFR 180.509.

(iii) The alternative requirements in this paragraph (f)(2) may not be used for any railcar cargo tank that collects gasoline

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vapors from a vapor balance system and the system complies with a Federal, State, local, or tribal rule or permit. A vapor balance system is a piping and collection system designed to collect gasoline vapors displaced from a storage vessel, barge, or other container being loaded, and routes the displaced gasoline vapors into the railcar cargo tank from which liquid gasoline is being unloaded.

[§63.11092 (e) (1 & 2) and (f)(1 & 2)]

IV. RECORDKEEPING REQUIREMENTS.**# 007 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11089]****Subpart BBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What requirements must I meet for equipment leak inspections if my facility is a bulk gasoline terminal, bulk plant, pipeline breakout station, or pipeline pumping station?**

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

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

(d) Delay of repair of leaking equipment will be allowed if the repair is not feasible within 15 days. The owner or operator shall provide in the semiannual report specified in Sec. 63.11095(b), the reason(s) why the repair was not feasible and the date each repair was completed.

[§63.11089 (a)-(d)]

008 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11094]**Subpart BBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What are my recordkeeping requirements?**

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

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

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

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

- (i) Name of test: Annual Certification Test--Method 27 or Periodic Railcar Bubble Leak Test Procedure.
- (ii) Cargo tank owner's name and address.
- (iii) Cargo tank identification number.
- (iv) Test location and date.
- (v) Tester name and signature.
- (vi) Witnessing inspector, if any: Name, signature, and affiliation.
- (vii) Vapor tightness repair: Nature of repair work and when performed in relation to vapor tightness testing.
- (viii) Test results: Test pressure; pressure or vacuum change, mm of water; time period of test; number of leaks found with instrument; and leak definition.

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

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

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section.

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

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

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

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

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

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

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

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

(1) The equipment type and identification number.

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

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

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

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

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

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

(f) The permittee shall:

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

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

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

(ii) Flare: Not applicable.

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

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

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

V. REPORTING REQUIREMENTS.

009 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11087]

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

What requirements must I meet for gasoline storage tanks if my facility is a bulk gasoline terminal, pipeline breakout station, or pipeline pumping station?

TANKS REQUIREMENTS:

(e) The permittee shall keep records and submit reports as specified in §63.11094 and §63.11095 (listed in Conditions #007 and #012).

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(f) Storage tanks subject to NSPS Subpart Kb will be deemed in compliance with this section. The permittee must report this determination in the Notification of Compliance Status Report under §63.11093(b).

[§63.11087(e) and (f)]

010 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11088]

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

What requirements must I meet for gasoline loading racks if my facility is a bulk gasoline terminal, pipeline breakout station, or pipeline pumping station?

LOADING RACKS REQUIREMENTS.

(b) Not applicable.

(c) The permittee shall comply with the requirements of this subpart by the applicable dates in §63.11083.

(d) The permittee shall comply with the applicable testing and monitoring requirements specified in §63.11092 and report compliance as noted below:

(e) The permittee shall submit the applicable Notification of Compliance Status Report under §63.11093.

(f) The permittee shall keep records and submit reports as specified in §63.11094 and §63.11095.

[§63.11088 (b) - (f)]

011 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11093]

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

What notifications must I submit and when?

(a) The permittee has complied with the "Initial Notification" specified in §63.9(b) by letter of May 6, 2008.

(b) The permittee shall submit "Notification of Compliance Status" specified in §63.9(h). The Notification of Compliance Status must specify which of the compliance options included in Table 1 to this subpart is used to comply with this subpart.

(c) The permittee shall submit "Notification of Performance Test" specified in §63.9(e), prior to initiating testing required by §63.11092(a) or §63.11092(b), and

(d) Submit additional notifications specified in §63.9, as applicable.

[§63.11093 (a)-(d)]

012 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11095]

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

What are my reporting requirements?

(a) The permittee shall include in a semiannual compliance report to the Administrator the following information, as applicable:

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

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

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

(b) The permittee shall submit an excess emissions report to the Administrator at the time the semiannual compliance report is submitted. Excess emissions events under this subpart, and the information to be included in the excess emissions report, are specified in paragraphs (b)(1) through (5) of this section.

**SECTION E. Source Group Restrictions.**

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

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

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

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

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

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

(c) The permittee shall submit a semiannual excess emissions report, including the information specified in paragraphs (a)(3) and (b)(5) of this section, only for a 6-month period during which an excess emission event has occurred. If no excess emission events have occurred during the previous 6-month period, no report is required.

[§63.11095 (a) - (c)]

VI. WORK PRACTICE REQUIREMENTS.

013 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11086]

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

What requirements must I meet if my facility is a bulk gasoline plant?

NOT APPLICABLE, this section is for bulk gasoline plant (throughput less than 20,000 gpd).

VII. ADDITIONAL REQUIREMENTS.

014 [25 Pa. Code §127.512]

Operating permit terms and conditions.

Individual sources within this source group that are subject to 40 CFR Part 63 Subpart BBBB shall comply with all applicable requirements of the Subpart. 40 CFR 63.13(a) requires submission of copies of all requests, reports and other communications to both the Department and the EPA. The EPA copies shall be forwarded to:

Director
Air Protection Division (3AP00)
U.S. EPA Region III
1650 Arch Street
Philadelphia, PA 19103-2029

The Department copies shall be forwarded to:

Regional Air Program Manager
PA Department of Environmental Protection
909 Elmerton Avenue
Harrisburg, PA 17110-8200

In the event that the Federal Subpart that is the subject of this Source Group is revised, the permittee shall comply with the revised version of the subpart, and shall not be required to comply with any provisions in this permit designated as having the subpart as their authority, to the extent that such permit provisions would be inconsistent with the applicable provisions



SECTION E. Source Group Restrictions.

of the revised subpart.

015 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11083]

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

When do I have to comply with this subpart?

New sources shall comply effective Jan 10, 2008 or upon start up. The existing source(s) must comply effective January 10, 2011.

[§63.11083 (a) and (b)]

016 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11098]

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

What parts of the General Provisions apply to me?

The permittee shall comply with 40 CFR Part 63 Subpart A, General Provisions in the §63.1 through §63.15 listed in Table 3 to this subpart, as applicable.

[§63.11098]

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

**SECTION E. Source Group Restrictions.**

Group Name: 05

Group Description: Pump Station & Maintenance

Sources included in this group

ID	Name
301	PUMP STATION SEAL LEAKS
302	PUMP STATION MAINTENANCE OPERATIONS

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

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The enclosed flare shall be operated with no visible emissions and no visible flame.

Fuel Restriction(s).

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall burn only propane, butane, ethane or a mixture of these in the enclosed flare.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The enclosed flare pilot light shall burn propane gas.

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.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

When the enclosed flare is not operational, the permittee shall record the downtime and the associated emissions.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall maintain detailed records of all maintenance performed on the enclosed flare. The permittee shall retain these records for a minimum of five (5) years and shall make them available to the department upon its 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.

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall maintain a system to notify the operator immediately when the enclosed flare is not operational.



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).

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



SECTION F. Alternative Operation Requirements.

No Alternative Operations exist for this Title V facility.



SECTION G. Emission Restriction Summary.

No emission restrictions listed in this section of the permit.

**SECTION H. Miscellaneous.**

#001. This permit includes the conditions and operating requirements of the following permits and plan approval:

- (a) General Permit No. GP2-21-05029A for Source ID 117, New Tank 4 constructed in 2000, internal floating roof (IFR), capacity 646,800 gallons.
- (b) Plan Approval No. 21-05029A, New Vapor Combustion Unit installed in 2002, Control ID C02.
- (c) Plan Approval No. 21-05029B, New Vapor Recovery Unit installed in 2010, Control ID C03.

#002. The following sources do not require any work practice standards or testing, monitoring, recordkeeping and reporting requirements:

- (a) Two heaters, natural gas/propane fired, rated at 200,000 mmbtu/hr and 125,000 mmbtu/hr respectively.
- (b) Parts washer, selfcontained with Zap liquid in closed containers and systems, with usage of about a gallon each operation.
- (c) Three above ground additive tanks of capacity range between 2,000 and 10,000 gallons, as follows:
 - Tank No. 21, gasoline additive, capacity 2000 gallons,
 - Tanks No. 23, diesel winter additive, capacity 10,000 gallons, and
 - Tank No. 24, diesel lubricity additive, capacity 8,000 gallons.
- (d) Two above ground biodiesel (B100) tanks, each capacity 33,000 gallons.



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

