



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

STATE ONLY OPERATING PERMIT

Issue Date: April 26, 2021

Effective Date: April 26, 2021

Expiration Date: April 25, 2026

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

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

State Only Permit No: 41-00021

Synthetic Minor

Federal Tax Id - Plant Code: 26-1396042-1

Owner Information

Name: BUCKEYE ENERGY SVC LLC
Mailing Address: 5002 BUCKEYE RD
EMMAUS, PA 18049-5347

Plant Information

Plant: BUCKEYE ENERGY SVC LLC/WMSPT BULK TERM
Location: 41 Lycoming County 41907 Armstrong Township
SIC Code: 5171 Wholesale Trade - Petroleum Bulk Stations And Terminals

Responsible Official

Name: STEVEN L. WRIGHT
Title: SENIOR OPR MGR
Phone: (610) 904 - 4103

Permit Contact Person

Name: NATHAN PRATT
Title: HSSE COMP SPECIALIST
Phone: (484) 523 - 1616

[Signature] _____

MUHAMMAD Q. ZAMAN, ENVIRONMENTAL PROGRAM MANAGER, NORTHCENTRAL REGION



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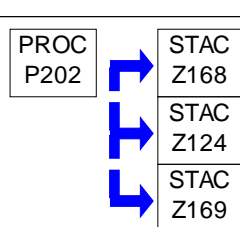
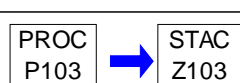
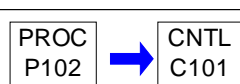
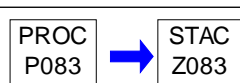
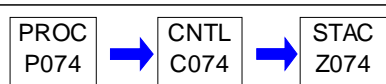
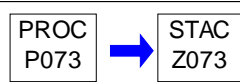
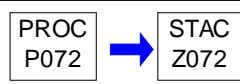
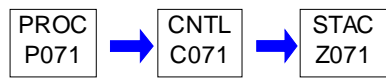
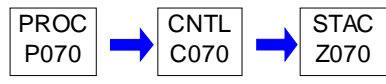
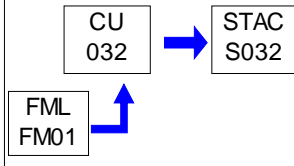
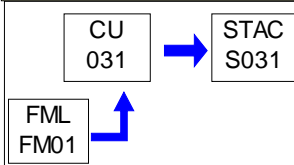
**SECTION A. Site Inventory List**

Source ID	Source Name	Capacity/Throughput		Fuel/Material
031	OFFICE FURNACE	0.200	MMBTU/HR	
		1.000	Gal/HR	#2 Oil
032	PM SHOP FURNACE	0.400	MMBTU/HR	
		3.000	Gal/HR	#2 Oil
P070	TANK 453	N/A		GASO/ETHANOL/DISTILL/
P071	TANK 452	N/A		GASO/ETHANOL/DISTILL/
P072	TANK 454	N/A		PETROLEUM DISTILLATE
P073	TANK 451	N/A		PETROLEUM DISTILLATE
P074	TANK 456	N/A		GASO/ETHANOL/DISTILL/
P083	TANK 455	N/A		GASO/ETHANOL/DISTILL/
P101	GASOLINE LOADING OPERATION	20,000.000	Gal/HR	GASOLINE
P102	DISTILLATE LOADING OPERATION	20,000.000	Gal/HR	DISTILLATE
P103	PUMPS, VALVES AND FLANGES	N/A		
P201	ADDITIVE TANK 123	N/A		ADDITIVE/BIODIESEL
P202	TANK 168/124/169	N/A		GASOLINE OR ADDITIVE
P204	FACILITY FUGITIVE EMISSIONS			
P205	OIL/WATER SEPARATOR			
P206	ADDITIVE STORAGE TANK 159			
C070	INTERNAL FLOATING ROOF			
C071	INTERNAL FLOATING ROOF			
C074	INTERNAL FLOATING ROOM			
C101	VAPOR RECOVERY UNIT			
FM01	#2 FUEL OIL			
S031	FURNACE STACK			
S032	FURNACE STACK			
Z070	TANK 453 FUGITIVES			
Z071	TANK 452 FUGITIVES			
Z072	TANK 454 FUGITIVES			
Z073	TANK 451 FUGITIVES			
Z074	TANK 456 FUGITIVES			
Z083	TANK 455 FUGITIVES			
Z103	PUMP VALVE & FLANGE FUGITIVES			
Z123	TANK VENT FUGITIVES (123)			
Z124	TANK FUGITIVE			
Z168	TANK VENT FUGITIVES (168)			
Z169	TANK FUGITIVE			
Z204	FACILITY FUGITIVES			
Z205	OIL/WATER SEPARATOR FUGITIVES			
Z206	ADDITIVE TANK FUGITIVE			

PERMIT MAPS



PERMIT MAPS





PERMIT MAPS

PROC
P205 → STAC
Z205

PROC
P206 → STAC
Z206

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

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

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

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

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

- (a) The permittee shall submit a timely and complete application for renewal of the operating permit to the appropriate Regional Air Program Manager. The application for renewal of the operating permit shall be submitted at least six (6) months and not more than 18 months before the expiration date of this permit.
- (b) The application for permit renewal shall include the current permit number, a description of any permit revisions that occurred during the permit term, and any applicable requirements that were promulgated and not incorporated into the permit during the permit term. An application is complete if it contains sufficient information to begin processing the application, has the applicable sections completed and has been signed by a responsible official.
- (c) The permittee shall submit with the renewal application a fee for the processing of the application as specified in 25 Pa. Code § 127.703(b). The fees shall be made payable to "The Commonwealth of Pennsylvania Clean Air Fund" and submitted with the fee form to the respective regional office.
- (d) The renewal application shall also include submission of proof that the local municipality and county, in which the facility is located, have been notified in accordance with 25 Pa. Code § 127.413.
- (e) The application for renewal of the operating permit shall also include submission of supplemental compliance review forms in accordance with the requirements of 25 Pa. Code § 127.412(b) and § 127.412(j).
- (f) The permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information as necessary to address any requirements that become applicable to the source after the permittee submits a complete application, but prior to the date the Department takes action on the permit application.

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

- (a) The permittee shall pay the annual operating permit maintenance fee according to the following fee schedule in either paragraph (1) or (2) in accordance with 25 Pa. Code § 127.703(d) on or before December 31 of each year for the next calendar year.
- (1) For a synthetic minor facility, a fee equal to:
- (i) Four thousand dollars (\$4,000) for calendar years 2021—2025.
 - (ii) Five thousand dollars (\$5,000) for calendar years 2026—2030.
 - (iii) Six thousand three hundred dollars (\$6,300) for the calendar years beginning with 2031.

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

(c) For purposes of Sub-condition (b) of this permit condition, the specifications in applications for plan approvals and operating permits are the physical configurations and engineering design details which the Department determines are essential for the permittee's compliance with the applicable requirements in this State-Only permit. Nothing in this sub-condition shall be construed to create an independent affirmative duty upon the permittee to obtain a predetermination from the Department for physical configuration or engineering design detail changes made by the permittee.

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

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

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

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

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

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

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

(2) One ton of NO_x from a single source during the term of the permit and 5 tons of NO_x at the facility during the term of the permit.

(3) One and six-tenths tons of the oxides of sulfur from a single source during the term of the permit and 8.0 tons of oxides of sulfur at the facility during the term of the permit.

(4) Six-tenths of a ton of PM₁₀ from a single source during the term of the permit and 3.0 tons of PM₁₀ at the facility during the term of the permit. This shall include emissions of a pollutant regulated under Section 112 of the Clean Air Act unless precluded by the Clean Air Act, the regulations thereunder or 25 Pa. Code Article III.

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

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

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

**SECTION B. General State Only Requirements**

- (1) Air conditioning or ventilation systems not designed to remove pollutants generated or released from other sources.
 - (2) Combustion units rated at 2,500,000 or less Btu per hour of heat input.
 - (3) Combustion units with a rated capacity of less than 10,000,000 Btu per hour heat input fueled by natural gas supplied by a public utility or by commercial fuel oils which are No. 2 or lighter, viscosity less than or equal to 5.82 c St, and which meet the sulfur content requirements of 25 Pa. Code §123.22 (relating to combustion units). For purposes of this permit, commercial fuel oil shall be virgin oil which has no reprocessed, recycled or waste material added.
 - (4) Space heaters which heat by direct heat transfer.
 - (5) Laboratory equipment used exclusively for chemical or physical analysis.
 - (6) Other sources and classes of sources determined to be of minor significance by the Department.
- (e) This permit does not authorize de minimis emission increases if the emissions increase would cause one or more of the following:
- (1) Increase the emissions of a pollutant regulated under Section 112 of the Clean Air Act except as authorized in Subparagraphs (c)(4) and (5) of this permit condition.
 - (2) Subject the facility to the prevention of significant deterioration requirements in 25 Pa. Code Chapter 127, Subchapter D and/or the new source review requirements in Subchapter E.
 - (3) Violate any applicable requirement of this permit, the Air Pollution Control Act, the Clean Air Act, or the regulations promulgated under either of the acts.
- (f) Emissions authorized under this permit condition shall be included in the monitoring, recordkeeping and reporting requirements of this permit.
- (g) Except for de minimis emission increases, installation of minor sources made pursuant to this permit condition and Plan Approval Exemptions under 25 Pa. Code § 127.14 (relating to exemptions), the permittee is prohibited from making changes or engaging in activities that are not specifically authorized under this permit without first applying for a plan approval. In accordance with § 127.14(b), a plan approval is not required for the construction, modification, reactivation, or installation of the sources creating the de minimis emissions increase.
- (h) The permittee may not meet de minimis emission threshold levels by offsetting emission increases or decreases at the same source.

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

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

- (1) Section 127.14 (relating to exemptions)
- (2) Section 127.447 (relating to alternative operating scenarios)
- (3) Section 127.448 (relating to emissions trading at facilities with Federally enforceable emissions caps)
- (4) Section 127.449 (relating to de minimis emission increases)
- (5) Section 127.450 (relating to administrative operating permit amendments)

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

No person may permit the use of a device, stack height which exceeds good engineering practice stack height, dispersion technique or other technique which, without resulting in reduction of the total amount of air contaminants emitted, conceals or dilutes an emission of air contaminants which would otherwise be in violation of 25 Pa. Code Article III, except that with prior approval of the Department, the device or technique may be used for control of malodors.

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

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

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

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

- (1) Construction or demolition of buildings or structures.
- (2) Grading, paving and maintenance of roads and streets.
- (3) Use of roads and streets. Emissions from material in or on trucks, railroad cars and other vehicular equipment are not considered as emissions from use of roads and streets.
- (4) Clearing of land.
- (5) Stockpiling of materials.
- (6) Open burning operations.
- (7) Sources and classes of sources other than those identified above, for which the permittee has obtained a determination from the Department that fugitive emissions from the source, after appropriate control, meet the following requirements:
 - (a) The emissions are of minor significance with respect to causing air pollution.
 - (b) The emissions are not preventing or interfering with the attainment or maintenance of any ambient air quality standard.

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

No person may permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in Condition #001(1)-(7) if the emissions are visible at the point the emissions pass outside the person's property.

003 [25 Pa. Code §123.41]**Limitations**

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

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

004 [25 Pa. Code §123.42]**Exceptions**

The emission limitations of 25 Pa. Code Section 123.41 shall not apply when:

- (1) The presence of uncombined water is the only reason for failure of the emission to meet the limitations;
- (2) The emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions;
- (3) The emission results from sources specified in 25 Pa. Code Section 123.1(a)(1)-(9).

Throughput Restriction(s).**# 005 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from the permittee requesting the Synthetic Minor restriction]

- (a) The total combined emission of any single hazardous air pollutant (HAP) from all sources at the facility shall not equal

**SECTION C. Site Level Requirements**

or exceed 10 tons in any 12 consecutive month period.

(b) The total combined emission of all hazardous air pollutants (HAPs) from all sources at the facility shall not equal or exceed 25 tons in any 12 consecutive month period.

(c) The total combined volatile organic compound (VOC) emissions from all sources at the facility shall not equal or exceed 50 tons in any 12 consecutive month period.

(d) The permittee shall not exceed the following parameters:

CF = 0.161 (The terminal shall not handle reformulated /oxygenated gasoline containing 7.6 percent by volume or greater methyl tert-butyl ether (MBTE.)), TF = 0 (All fixed roof gasoline storage tanks shall also have internal floating roofs.), TE = 0 (There shall be no external floating roof gasoline storage vessels with only primary seals.), TES = 0, (There will be no external floating roof gasoline storage tanks with primary and secondary seals.), TI = 3 (There shall be no more than 3 fixed roof gasoline storage tanks which contain an internal floating roof at this facility.), C = 72 (There shall be no more than 72 valves, pumps, connectors, loading arm valves and open ended lines in gasoline service.), $K=4.19e-7$, Q = 3,370,598 (The gasoline throughput at the facility shall not exceed 3,370,598 liters per day.), EF = 80 (The emission rate limitation on potential to emit for the gasoline cargo tank loading rack vapor processor outlet emissions shall not exceed 80 mg of total organic compounds per liter of gasoline loaded.), L = 13, (The vapor tightness test for cargo tank trucks shall not exceed 13 mg/l for gasoline.), OE = 0.25 (HAPS emission screening factor for bulk gasoline terminals.) ET = 0.26 (the emission screening factor for bulk gasoline storage terminal.)

$$ET = CF[0.59(TF)(1-CE) + 0.17(TE) + 0.08(TES) + 0.038(TI) + 8.5e-6(C) + KQ] + 0.04(OE)$$

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

[Additional authority for this permit condition is derived from the permittee requesting the Synthetic Minor restriction]

(a) The throughput of gasoline at the facility shall not exceed 91,100,000 gallons in any 12 consecutive month period.

(b) The throughput of distillate products at the facility (e.g. kerosene, fuel oil) shall not exceed a combined total of 315,360,000 gallons in any 12 consecutive month period.

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

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

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

008 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

(a) At least sixty (60) days prior to the performance of the testing required by this permit, a test plan shall be submitted to the Department for evaluation. The plan shall contain a description of the proposed test methods and dimensioned drawings or sketches showing the test port locations.

(b) The Department shall be given at least fourteen (14) days advance notice of the scheduled dates for the performance of the testing required by this permit.

**SECTION C. Site Level Requirements**

(c) Within sixty (60) days of the completion of the tests required by this permit, two copies of the test report shall be submitted to the Department. This report shall contain the results of the tests, a description of the testing and analytical procedures actually used in performance of the tests, all process and operating data collected during the tests, a copy of all raw data, and a copy of all calculations generated during data analysis.

009 [25 Pa. Code §139.1]**Sampling facilities.**

Upon the request of 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.

010 [25 Pa. Code §139.11]**General requirements.**

(a) As specified in 25 Pa. Code Section 139.11(1), performance tests shall be conducted while the source is operating at maximum routine operating conditions or under such other conditions, within the capacity of the equipment, as may be requested by the Department.

(b) As specified in 25 Pa. Code Section 139.11(2), the Department will consider test results for approval where sufficient information is provided to verify the source conditions existing at the time of the test and where adequate data is available to show the manner in which the test was conducted. Information submitted to the Department shall include, as a minimum, all of the following:

- (1) A thorough source description, including a description of any air cleaning devices and the flue.
- (2) Process conditions, for example, the charging rate of raw material or rate of production of final product, boiler pressure, oven temperature and other conditions which may affect emissions from the process.
- (3) The location of sampling ports.
- (4) Effluent characteristics, including velocity, temperature, moisture content, gas density (percentage of carbon monoxide (CO), carbon dioxide (CO₂), oxygen (O₂) and nitrogen (N₂)), static and barometric pressures.
- (5) Sample collection techniques employed, including procedures used, equipment descriptions and data to verify that isokinetic sampling for particulate matter collection occurred and that acceptable test conditions were met.
- (6) Laboratory procedures and results.
- (7) Calculated results.

III. MONITORING REQUIREMENTS.**# 011 [25 Pa. Code §123.43]****Measuring techniques**

Visible emissions may be measured using either of the following:

- (1) A device approved by the Department and maintained to provide accurate opacity measurements.
- (2) Observers, trained and qualified, to measure plume opacity with the naked eye or with the aid of any devices approved by the Department.

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

The permittee shall conduct a weekly inspection around the plant periphery during daylight hours when the plant is operating to detect visible emissions, fugitive visible emissions and malodorous air emissions. Weekly inspections are necessary to determine:

**SECTION C. Site Level Requirements**

- (1) the presence of visible emissions,
 - (2) the presence of visible fugitive emissions,
 - (3) the presence of malodors beyond the boundaries of the facility.
- (b) All detected visible emissions, visible fugitive emissions or malodors that have the potential to exceed applicable limits shall be reported to the manager of the facility.

IV. RECORDKEEPING REQUIREMENTS.**# 013 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

- (a) The permittee shall keep records on a monthly basis of the usage (throughput) of distillates at the facility and verify compliance with the distillate usage (throughput) limitation in any 12 consecutive month period. The monthly throughputs are to be a total of the daily throughputs for the month.
- (b) The permittee shall keep records on a monthly basis of the usage (throughput) of gasoline at the facility and verify compliance with the gasoline usage (throughput) limitation in any 12 consecutive month period. The monthly throughputs are to be a total of the daily throughputs for the month.
- (c) The permittee shall keep records of the supporting calculations on a monthly basis and verify compliance with the individual HAP and total HAPs emission limitations for all sources at the facility in any 12 consecutive month period.
- (d) The permittee shall keep records of the supporting calculations on a monthly basis and verify compliance with the VOCs emission limitation for all sources at the facility in any 12 consecutive month period.
- (e) The permittee shall keep records of quarterly hazardous air pollutant (HAPs) emission tests or Certified Product Safety Data Sheets (CPDS) or the use of published HAP concentration factors by manufacturer or American Petroleum Institute.
- (f) The permittee shall keep records to verify compliance with the facility parameters including OE and ET as described in condition #005 of the Site Level Requirements.
- (g) These records shall be kept for a five (5) year minimum period and shall be made available to the Department upon request.

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

- (a) The permittee shall keep a logbook of weekly facility inspections performed. The logbook shall include the name of the company representative performing the inspection, the date and time of inspections, any instances of exceedances of visible emissions limitations, visible fugitive emissions limitations and malodorous air emissions limitations, and the name of the manager informed if a potential exceedance is observed. The permittee shall also record any and all corrective action(s) taken to abate each recorded deviation to prevent future occurrences.
- (b) These records shall be kept for a five (5) year minimum period and shall be made available to the Department upon request.

015 [25 Pa. Code §135.5]**Recordkeeping**

The permittee shall maintain and make available upon request by the Department records including computerized records that may be necessary to comply with Sections 135.3 (relating to reporting). These 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.

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

(a) The permittee shall submit reports to the Department on a semi-annual basis that include the following:

(1) The supporting calculations used to verify compliance with the single hazardous air pollutant (HAP) emission limitation in any 12 consecutive month period.

(2) The supporting calculations used to verify compliance with the total hazardous air pollutants (HAPs) emission limitation in any 12 consecutive month period.

(3) The supporting calculations used to verify compliance with the volatile organic compound (VOC) emission limitation in any 12 consecutive month period.

(4) The records of the monthly distillate throughput based on daily distillate throughput at the facility to verify compliance with the throughput limitation in any 12 consecutive month period.

(5) The records of the monthly gasoline throughput based on daily gasoline throughput at the facility to verify compliance with the throughput limitation in any 12 consecutive month period.

(b) The semi-annual reports shall be submitted to the Department by no later than March 1 (for January 1 through December 31 of the previous year) and September 1 (for July 1 of the previous year through June 30 of the current year).

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

Upon request by the Department, the permittee shall submit all requested reports in the Department's suggested format.

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

(a) The permittee shall report malfunctions which occur at this facility to the Department. A malfunction is any sudden, infrequent, and not reasonably preventable failure of air pollution control equipment, process equipment, or a process to operate in a normal or usual manner. Failures that are caused in part by poor maintenance or careless operation are not malfunctions.

(b) Failures that are caused in part by poor maintenance or careless operation shall be reported as excess emissions or deviations from this permits requirements.

(c) When the malfunction, excess emissions or deviation from this permits requirements poses an imminent and substantial danger to the public health and safety or potential harm to the environment, the permittee shall notify the Department by telephone no later than one (1) hour after the incident.

(d) Unless otherwise required by the specific reporting requirements, any malfunction, excess emissions or deviation from this permits requirements that is not subject to the notice requirements of subsection of this permit condition shall be reported to the Department within 24 hours of discovery. In notifying the Department, the permittee shall describe the following:

(i) name and location of the facility;

(ii) nature and cause of the malfunction or breakdown;

(iii) time when the malfunction or breakdown was first observed;

(iv) expected duration of excess emissions; (v) estimated rate of emissions; and

(vi) corrective actions or preventative measures taken.

(e) The permittee shall notify the Department immediately when corrective measures have been accomplished.

**SECTION C. Site Level Requirements**

(f) Upon the request of the Department the permittee shall submit a full written report to the Regional Air Program Manager within fifteen (15) days of the malfunction, excess emissions or deviations from this permits requirements.

019 [25 Pa. Code §135.3]**Reporting**

(a) A person who owns or operates a source to which 25 Pa. Code Chapter 135 applies, and who has previously been advised by the Department to submit a source report, shall submit by March 1 of each year a source report for the preceding calendar year. The report shall include information for all previously reported sources, new sources which were first operated during the preceding calendar year and sources modified during the same period which were not previously reported.

(b) A person who receives initial notification by the Department that a source report is necessary, shall submit an initial source report within sixty (60) days after receiving the notification or by March 1 of the year following the year for which the report is required, whichever is later.

(c) A source owner may request an extension of time from the Department for the filing of a source report, and the Department may grant the extension for reasonable cause.

VI. WORK PRACTICE REQUIREMENTS.**# 020 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

For any source specified in 25 Pa. Code Section 123.1 subsections (a)(1)-(7) or (a)(9), the permittee shall take all reasonable actions to prevent particulate matter from becoming airborne. These actions shall include, but not be limited to, the following:

(1) Use, where possible, of water or chemicals for control of dust in the demolition of buildings or structures, construction operations, the grading of roads or the clearing of land.

(2) Application of asphalt, oil, or suitable chemicals on dirt roads, material stockpiles and other surfaces which may give rise to airborne dusts.

(3) Paving and maintenance of roadways.

(4) Prompt removal of earth or other material from paved streets onto which earth or other material has been transported by trucking or earth moving equipment, erosion by water, or other means.

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

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

(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) No person may permit the transfer of gasoline between the tank truck or trailer and a stationary storage tank unless the following conditions are met:

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

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

(ii) A reading equal to or greater than 100% of the lower explosive limit (LEL), measured as propane, at 1 inch from points on the perimeter of a potential leak source when measured by the method referenced in 25 Pa. Code Section 139.14 (relating to emissions of VOCs) during loading or unloading operations.

**SECTION C. Site Level Requirements**

- (iii) Avoidable liquid leaks during loading or unloading operations.
- (2) A truck, vapor balance system or vapor disposal system, if applicable, that exceeds the limits in (b)(1) is repaired and retested within 15 days.
- (3) There are no visually- or audibly-detectable leaks in the tank truck's or trailer's pressure or vacuum relief valves and hatch covers, the tank trucks 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 of pressure or 0.3 psig of vacuum or the highest allowable pressure and vacuum as specified in State or local fire codes, the National Fire Prevention Association guidelines or other National consensus standards acceptable to the Department. Upon demonstration by the owner or operator of an underground small gasoline storage tank that the vapor balance system specified in (b)(1) will achieve a 90% vapor recovery efficiency without a pressure and vacuum relief system and that an interlock system, sufficient to ensure connection of the vapor recovery line prior to delivery of the gasoline, will be used - no pressure and vacuum relief valve is required. The vacuum setting on the pressure and vacuum relief valve on an underground storage tank may be set at the lowest vacuum setting which is sufficient to keep the vent closed at zero pressure and vacuum.
- (c) A person may not allow a gasoline tank truck to be filled or emptied unless the gasoline tank truck:
- (1) Has been tested by the owner or operator within the immediately preceding 12 months in accordance with 25 Pa. Code Section 139.14.
- (2) Sustains a pressure change of no more than 3 inches of water in 5 minutes when pressurized to gauge pressure of 18 inches of water or evacuated to a gauge pressure of 6 inches of water during the testing required in (c)(1).
- (3) Is repaired by the owner or operator and retested within 15 days of testing if it does not meet the criteria in (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.
- (d) Gasoline tank trucks with a rated capacity of less than 4,800 gallons are exempt from (c).

VII. ADDITIONAL REQUIREMENTS.**# 022 [25 Pa. Code §121.7]****Prohibition of air pollution.**

No person may permit air pollution as that term is defined in the act (The Air Pollution Control Act (35 P.S. Section 4001-4015)).

023 [25 Pa. Code §123.31]**Limitations**

No person may permit the emission into the outdoor atmosphere of any malodorous air contaminants from any source in a manner that the malodors are detectable outside the property of the person on whose land the source is being operated.

024 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

(a) This facility is subject to the requirements of 40 CFR Part 63, Subpart BBBBBB- National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Sections 63.11080 through 63.11100.

(b) The permittee shall comply with all other applicable requirements of Subpart BBBBBB.

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

No person may permit the open burning of material at this facility unless in accordance with 25 Pa. Code Section 129.14.



SECTION C. Site Level Requirements

VIII. COMPLIANCE CERTIFICATION.

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

IX. COMPLIANCE SCHEDULE.

No compliance milestones exist.

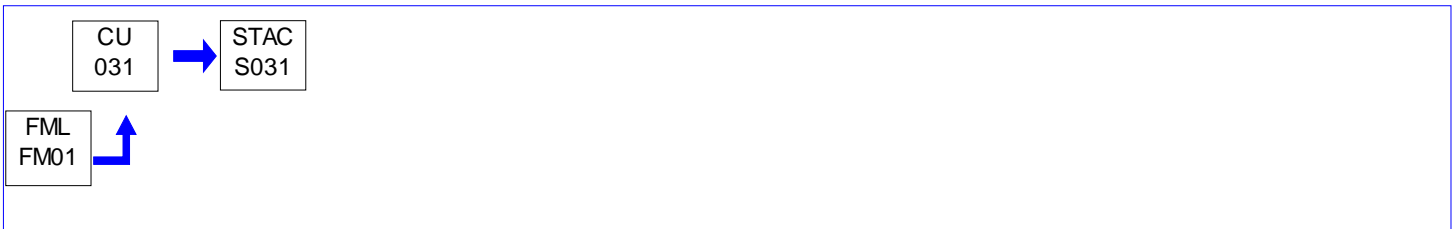
**SECTION D. Source Level Requirements**

Source ID: 031

Source Name: OFFICE FURNACE

Source Capacity/Throughput: 0.200 MMBTU/HR

1.000 Gal/HR #2 Oil

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

001 [25 Pa. Code §123.22]

Combustion units

[Compliance with the requirement specified in this streamlined permit condition assures compliance with the provision in 40 CFR 52.2020(c).]

No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO₂, from Source ID 031 in excess of the rate of 4 pounds per million Btu of heat input over any 1 hour period.

Fuel Restriction(s).

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code Section 123.22(a)(2)]

(a) Source ID 031 shall be fired only on #2 fuel oil to which no reclaimed or waste oil or other waste materials have been added.

(b) The sulfur content of the #2 oil fired in Source ID 031 shall not at any time, exceed 0.0015% (by weight).

II. TESTING REQUIREMENTS.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall perform tests (in accordance with the provisions of 25 Pa. Code Chapter 139) or provide a fuel certification report of the type and percent sulfur by weight for each delivery of the fuel oil delivered to this facility.

OR

The permittee shall provide a fuel certification report obtained from the supplier once a year stating that the sulfur percentage for each shipment of the fuel oil delivered to the facility during the year shall not exceed 0.0015% sulfur by weight.

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall keep records of tests or fuel certification reports of the type and percent sulfur by weight for each delivery



SECTION D. Source Level Requirements

of the fuel oil delivered to the facility.

OR

The permittee shall keep records of fuel certification reports obtained yearly from the fuel oil supplier stating that the sulfur percentage for each shipment of the fuel oil delivered to the facility during the year shall not exceed 0.0015% sulfur by weight.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

005 [25 Pa. Code §127.441]
Operating permit terms and conditions.
 Source ID 031 is an EnerRoyal Technologies Corp. hot air furnace fired on #2 fuel oil.

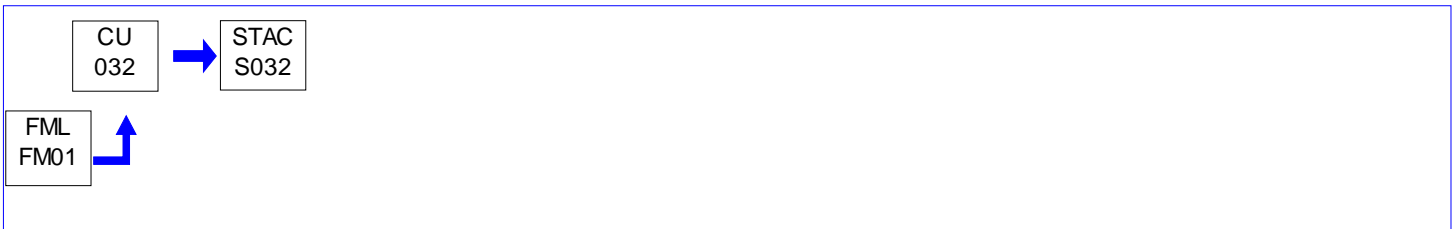
**SECTION D. Source Level Requirements**

Source ID: 032

Source Name: PM SHOP FURNACE

Source Capacity/Throughput: 0.400 MMBTU/HR

3.000 Gal/HR #2 Oil

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

001 [25 Pa. Code §123.22]

Combustion units

[Compliance with the requirement specified in this streamlined permit condition assures compliance with the provision in 40 CFR 52.2020(c).]

No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO₂, from Source ID 032 in excess of the rate of 4 pounds per million Btu of heat input over any 1 hour period.

Fuel Restriction(s).

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code Section 123.22(a)(2)]

(a) Source ID 032 shall be fired only on #2 fuel oil to which no reclaimed or waste oil or other waste materials have been added.

(b) The sulfur content of the #2 oil fired in Source ID 032 shall not at any time, exceed 0.0015% (by weight).

II. TESTING REQUIREMENTS.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall perform tests (in accordance with the provisions of 25 Pa. Code Chapter 139) or provide a fuel certification report of the type and percent sulfur by weight for each delivery of the fuel oil delivered to this facility.

OR

The permittee shall provide a fuel certification report obtained from the supplier once a year stating that the sulfur percentage for each shipment of the fuel oil delivered to the facility during the year shall not exceed 0.0015% sulfur by weight.

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall keep records of tests or fuel certification reports of the type and percent sulfur by weight for each delivery

**SECTION D. Source Level Requirements**

of the fuel oil delivered to the facility.

OR

The permittee shall keep records of fuel certification reports obtained yearly from the fuel oil supplier stating that the sulfur percentage for each shipment of the fuel oil delivered to the facility during the year shall not exceed 0.0015% sulfur by weight.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID 032 is an L Series Armstrong Air Conditioning furnace fired on #2 fuel oil.

**SECTION D. Source Level Requirements**

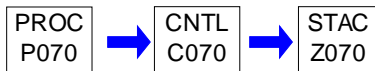
Source ID: P070

Source Name: TANK 453

Source Capacity/Throughput:

N/A

GASO/ETHANOL/DISTILLATES

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

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code Section 129.56.]

(a) The permittee shall not permit the placing, storing or holding of volatile organic compounds with a vapor pressure of 11 psia or greater under actual storage conditions in Source ID P070.

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

(1) a closure seal, or seals, to close the space between the roof edge and tank wall is used,

(2) there are no holes, tears or other openings in the seal or 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.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code Section 129.56.]

The permittee shall perform routine annual inspections of Source ID P070 to verify compliance with the following requirements:

(a) a closure seal, or seals, to close the space between the roof edge and tank wall is used,

(b) there shall be no holes, tears or other openings in the seal or a seal fabric or materials,

(c) openings, except stub drains, shall be equipped with covers, lids or seals such that:

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

**SECTION D. Source Level Requirements**

- (2) the automatic bleeder vents are closed at all times except when the roof is floated off or landed on the roof leg supports.
- (3) the rim vents, if provided, are set to open when the roof is being floated off the roof leg supports or at the recommended setting of the manufacturer.

IV. RECORDKEEPING REQUIREMENTS.**# 003 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code Section 129.56.]

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

(1) the types of volatile petroleum liquids stored and the maximum true vapor pressure of the liquid as stored in Source ID P070,

(2) documentation of each inspection performed on Source ID P070 addressing all requirements specified in condition #002.

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

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

V. REPORTING REQUIREMENTS.**# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall immediately notify the Department of any malfunction of, or damage to, any of these storage tanks or associated internal floating roofs which results in, or may possibly be resulting in, an increase in the emission of volatile organic compound vapors from the tank.

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

The internal floating roof associated with the storage tank shall be maintained in good condition and in compliance with the applicable requirements of 25 Pa. Code Section 129.56.

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

(a) Source ID P070 (tank 453) is a 567,940 gallon (13,520 barrel) above-ground gasoline/ethanol/distillate storage tank.

(b) The air contaminant emissions from Source ID P070 shall be controlled by an internal floating roof (C070).

**SECTION D. Source Level Requirements**

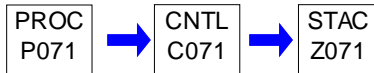
Source ID: P071

Source Name: TANK 452

Source Capacity/Throughput:

N/A

GASO/ETHANOL/DISTILLATES

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

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code Section 129.56.]

(a) The permittee shall not permit the placing, storing or holding of volatile organic compounds with a vapor pressure of 11 psia or greater under actual storage conditions in Source ID P071.

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

(1) a closure seal, or seals, to close the space between the roof edge and tank wall is used,

(2) there are no holes, tears or other openings in the seal or 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.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code Section 129.56.]

The permittee shall perform routine annual inspections of Source ID P071 to verify compliance with the following requirements:

(a) A closure seal, or seals, to close the space between the roof edge and tank wall is used.

(b) There shall be no holes, tears or other openings in the seal or a seal fabric or materials.

(c) Openings, except stub drains, shall be equipped with covers, lids or seals such that:

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

**SECTION D. Source Level Requirements**

- (2) The automatic bleeder vents are closed at all times except when the roof is floated off or landed on the roof leg supports.
- (3) The rim vents, if provided, are set to open when the roof is being floated off the roof leg supports or at the recommended setting of the manufacturer.

IV. RECORDKEEPING REQUIREMENTS.**# 003 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code Section 129.56.]

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

(1) the types of volatile petroleum liquids stored and the maximum true vapor pressure of the liquid as stored in Source ID P071,

(2) documentation of each inspection performed on Source ID P071 addressing all requirements specified in condition #002.

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

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

V. REPORTING REQUIREMENTS.**# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall immediately notify the Department of any malfunction of, or damage to, any of these storage tanks or associated internal floating roofs which results in, or may possibly be resulting in, an increase in the emission of volatile organic compound vapors from the tank.

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

The internal floating roof associated with the storage tank shall be maintained in good condition and in compliance with the applicable requirements of 25 Pa. Code Section 129.56.

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

(a) Source ID P071 (tank 452) is a 1,377,306 (32,793 barrel) above-ground gasoline/ethanol/distillate storage tank.

(b) The air contaminant emissions from Source ID P071 shall be controlled by an internal floating roof (C071).

**SECTION D. Source Level Requirements**

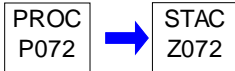
Source ID: P072

Source Name: TANK 454

Source Capacity/Throughput:

N/A

PETROLEUM DISTILLATES

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.**# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall keep records of the types of volatile petroleum liquids stored and the maximum true vapor pressure of the liquid as stored in Source ID P072.

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

V. REPORTING REQUIREMENTS.

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

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

The permittee shall not permit the storage of volatile organic compounds in Source ID P072 with a vapor pressure greater than 1.5 psia (10.5 kilopascals) under actual storage conditions.

VII. ADDITIONAL REQUIREMENTS.**# 003 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Source ID P072 (tank 454) is a 1,383,186 gallon (32,933 barrel) petroleum distillate, above-ground, fixed-roof storage tank.

**SECTION D. Source Level Requirements**

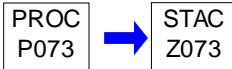
Source ID: P073

Source Name: TANK 451

Source Capacity/Throughput:

N/A

PETROLEUM DISTILLATES

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.**# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall keep records of the types of volatile petroleum liquids stored and the maximum true vapor pressure of the liquid as stored in Source ID P073.

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

V. REPORTING REQUIREMENTS.

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

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

The permittee shall not permit the storage of volatile organic compounds in Source ID P073 with a vapor pressure greater than 1.5 psia (10.5 kilopascals) under actual storage conditions.

VII. ADDITIONAL REQUIREMENTS.**# 003 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Source ID P073 (tank 451) is a 452, 802 gallon (10,781 barrel) petroleum distillate, above-ground, fixed-roof storage tank.

**SECTION D. Source Level Requirements**

Source ID: P074

Source Name: TANK 456

Source Capacity/Throughput:

N/A

GASO/ETHANOL/DISTILLATES

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

[Additional authority for this permit condition is also derived from 25 Pa. Code Section 129.56 and 25 Pa. Code Section 127.611, GP2-Storage tanks for Volatile Organic Liquids]

(a) The permittee shall not permit the placing, storing or holding of volatile organic compounds with a vapor pressure of 11 psia or greater under actual storage conditions in Source ID P074.

(b) The internal floating roof (ID C074) associated with Source ID P074 must be fitted with a primary seal and shall comply with the following equipment requirements:

(1) A closure seal, or seals, to close the space between the roof edge and tank wall is used.

(2) There are no holes, tears or other openings in the seal or 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.

002 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.112b]**Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984 Standard for volatile organic compounds (VOC).**

For Source ID P074, the permittee shall comply with all applicable requirements of 40 CFR Section 60.112b for standard for volatile organic compounds (VOC).

II. TESTING REQUIREMENTS.**# 003 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.113b]****Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984 Testing and procedures.**

For Source ID P074, the permittee shall comply with all applicable testing requirements of 40 CFR Section 60.113b.

III. MONITORING REQUIREMENTS.**# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code Section 129.56 and 25 Pa. Code Section

**SECTION D. Source Level Requirements**

127.611, GP2-Storage tanks for Volatile Organic Liquids]

The permittee shall perform routine annual inspections of Source ID P074 to ensure compliance with the following requirements:

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

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

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

Monitoring of operations.

For Source ID P074, the permittee shall comply with all applicable monitoring requirements of 40 CFR Section 60.116b.

IV. RECORDKEEPING REQUIREMENTS.

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall maintain and make available to the Department upon request, records of the types of volatile petroleum liquids stored, the maximum true vapor pressure of the liquid as stored, and the results of inspections performed in accordance with Condition #004 of Section D for this source. These records shall be retained for at least 5 years after the date on which the record was made.

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

007 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.115b]

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

Reporting and recordkeeping requirements.

For Source ID P074, the permittee shall comply with all applicable recordkeeping requirements of 40 CFR Section 60.115b.

V. REPORTING REQUIREMENTS.

008 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID P074 is subject to 40 CFR Part 60, Subpart Kb. The submission of all requests, reports, applications, submittals, and other communications required by 40 CFR Part 60, Subpart Kb, Sections 60.110b-60.117b shall be made to both the Department and the United States Environmental Protection Agency (EPA). The EPA copies may be sent to:

Director
Air Enforcement Branch, Mail Code 3AP12
U.S. EPA Region III

**SECTION D. Source Level Requirements**

1650 Arch Street
Philadelphia, PA 19103

009 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.115b]
Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984
Reporting and recordkeeping requirements.

For Source ID P074, the permittee shall comply with all applicable reporting requirements of 40 CFR Section 60.115b.

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

Source ID P074 (tank 456) is a 452,762 gallon above-ground gasoline/ethanol/petroleum distillate storage tank, the air contaminant emissions from which are controlled by a internal floating roof (ID C074) equipped with a mechanical shoe seal.

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

[Additional authority for this permit condition is also derived from 25 Pa. Code Section 129.56 and 25 Pa. Code Section 127.611, GP2-Storage tanks for Volatile Organic Liquids]

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.

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

Source ID P074 is subject to 40 CFR Part 60, Subpart Kb, Sections 60.110b through 60.117b. The permittee shall comply with all the applicable requirements of Sections 60.110b through 60.117b.

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

The permittee shall, in all cases, meet the more stringent requirements, if a conflict occurs between 25 Pa. Code Section 129.56 and 40 CFR Part 60, Subpart Kb.

**SECTION D. Source Level Requirements**

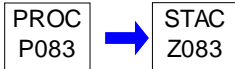
Source ID: P083

Source Name: TANK 455

Source Capacity/Throughput:

N/A

GASO/ETHANOL/DISTILLATES

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

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall not store any volatile organic compound (VOC) containing liquid in the storage tank 455 with a vapor pressure greater than 1.5 psia (10.5 kPa).

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee is required to keep records of the type of material and vapor pressure of the liquid stored in the tank 455 to verify compliance with the vapor pressure limitation.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall maintain documentation from the supplier/refiner (e.g., material safety data sheets or certified product data sheets) that certifies the vapor pressure of the distillate fuel stored in the storage tank 455. The records shall be retained for a minimum of five (5) years and made available to the Department upon request.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

**SECTION D. Source Level Requirements****VII. ADDITIONAL REQUIREMENTS.****# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Source ID P083 (tank 455) is a 1,006,824 gallon (23,972 barrel) above-ground gasoline/ethanol/petroleum distillate storage tank.

**SECTION D. Source Level Requirements**

Source ID: P101

Source Name: GASOLINE LOADING OPERATION

Source Capacity/Throughput: 20,000.000 Gal/HR GASOLINE

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

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

A person may not cause or permit the loading of gasoline from Source ID P101 into a vehicular tank from a bulk gasoline terminal unless the gasoline loading racks are equipped with a vapor collection and disposal system capable of processing volatile organic vapors and gases so that no more than 0.0668 pounds (30.3 grams) of gasoline (measured as propane) are emitted to the atmosphere for every 100 gallons (380 liters) of gasoline loaded.

Throughput Restriction(s).**# 002 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from the permittee requesting the Synthetic Minor restriction]

The throughput of gasoline shall not exceed 91,100,000 gallons in any 12 consecutive month period.

II. TESTING REQUIREMENTS.**# 003 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) Within 180 days of processing gasoline under Source ID P101, the permittee shall conduct a stack test of the emission of gasoline vapors (VOC) from the model DEC 2400 Edwards Engineering Corporation hydrocarbon vapor recovery unit (ID C101) during gasoline loading operations no later than to verify compliance with condition #001 for Source ID P101.

(b) The emission testing shall be done in accordance with Reference Test Methods cited in 25 Pa. Code, Sections 139.14(b)(3) and 139.4(5). Emissions shall be determined over a testing period of no less than six (6) hours. The permittee shall follow the testing requirements specified in Section C, Site Level Requirements.

III. MONITORING REQUIREMENTS.**# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall monitor the loading operation of Source ID P101 to assure that it is being operated in accordance with 25 Pa. Code Sections 129.59 and 129.62.

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

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

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

**SECTION D. Source Level Requirements**

(b) The records of certification tests 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.

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

(d) Gasoline tank trucks with a rated capacity of less than 4,800 gallons are exempt from the above recordkeeping requirements.

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

(a) The permittee shall keep records of supporting documentation and calculations used to verify compliance with the vapor recovery system's (C101), associated with Source ID P101, emission limit of 0.0668 pounds per 100 gallons of gasoline loaded for Source ID P101.

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

V. REPORTING REQUIREMENTS.

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

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

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

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

008 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

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

(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) An owner or operator of a bulk gasoline plant, bulk gasoline terminal, tank truck or trailer or stationary storage tank to which 129.59, 129.60(b) or (c) or 129.61 (relating to bulk gasoline terminals; bulk gasoline plants; and small gasoline

**SECTION D. Source Level Requirements**

storage

tank control (Stage 1 control)) apply may not permit the transfer of gasoline between the tank truck or trailer and a stationary storage tank unless the following conditions are met:

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

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

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

(iii) Avoidable liquid leaks during loading or unloading operations at small gasoline storage tanks, bulk plants and bulk terminals.

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

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

(4) The pressure and vacuum relief valves on storage vessels and tank trucks or trailers are set to release at no less than .7 psig (4.8 kilopascals) of pressure or .3 psig (2.1 kilopascals) of vacuum or the highest allowable pressure and vacuum as specified in State or local fire codes, the National Fire Prevention Association guidelines or other National consensus standards acceptable to the Department. Upon demonstration by the owner or operator of an underground small gasoline storage tank that the vapor balance system specified in (b)(1) will achieve a 90% vapor recovery efficiency without a pressure and vacuum relief valve and that an interlock system, sufficient to ensure connection of the vapor recovery line prior to delivery of the gasoline, will be used--no pressure and vacuum relief valve is required. The vacuum setting on the pressure and vacuum relief valve on an underground storage tank may be set at the lowest vacuum setting which is sufficient to keep the vent closed at zero pressure and vacuum.

(c) A person may not allow a gasoline tank truck subject to 129.59, 129.60 or 129.61 to be filled or emptied in a geographic area specified in 129.61(a) unless the gasoline tank truck:

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

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

testing required in (c)(1).

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

(d) Gasoline tank trucks with a rated capacity of less than 4,800 gallons are exempt from (c).

VII. ADDITIONAL REQUIREMENTS.

009 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) Source ID P101 is a gasoline loading operation.

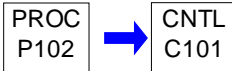
(b) The air contaminant emissions from Source ID P101 shall be controlled by a model DEC 2400 Edwards Engineering Corporation hydrocarbon vapor recovery unit (ID C101). During maintenance or repair of ID C101, the air contaminant emissions from Source ID P101 shall be controlled by a John Zink portable vapor combustion unit or equivalent designed to meet the VOC emissions of less 0.0668 pounds per 100 gallons of gasoline load for Source ID P101.

**SECTION D. Source Level Requirements**

Source ID: P102

Source Name: DISTILLATE LOADING OPERATION

Source Capacity/Throughput: 20,000.000 Gal/HR DISTILLATE

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

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from the permittee requesting the Synthetic Minor restriction]

The throughput of distillate products (e.g. kerosene, fuel oil) shall not exceed a combined total of 315,360,000 gallons in any 12 consecutive month period.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) Source ID P102 is a distillate loading operation.

(b) The air contaminant emissions from Source ID P102 may be controlled by a model DEC 2400 Edwards Engineering Corporation hydrocarbon vapor recovery unit (C101).

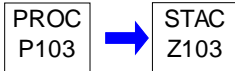
**SECTION D. Source Level Requirements**

Source ID: P103

Source Name: PUMPS, VALVES AND FLANGES

Source Capacity/Throughput:

N/A

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID P103 consists of all pumps, valves & flanges at this facility.

**SECTION D. Source Level Requirements**

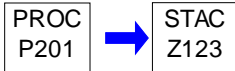
Source ID: P201

Source Name: ADDITIVE TANK 123

Source Capacity/Throughput:

N/A

ADDITIVE/BIODIESEL

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.**# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall keep records of the types of volatile petroleum liquids stored and the maximum true vapor pressure of the liquid as stored in Source ID P201.

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

V. REPORTING REQUIREMENTS.

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

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

The permittee shall not permit the storage of volatile organic compounds in Source ID P201 with a vapor pressure greater than 1.5 psia under actual storage conditions.

VII. ADDITIONAL REQUIREMENTS.**# 003 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Source ID P201 (tank 123) is a 10,000 gallon above-ground, additives/biodiesel storage tank.

**SECTION D. Source Level Requirements**

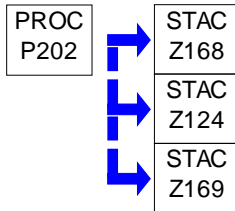
Source ID: P202

Source Name: TANK 168/124/169

Source Capacity/Throughput:

N/A

GASOLINE OR ADDITIVE

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.**# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall keep records of the types of volatile petroleum liquids stored and the maximum true vapor pressure of the liquid as stored in Source ID P202.

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

V. REPORTING REQUIREMENTS.

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

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

The permittee shall not permit the storage of volatile organic compounds in Source ID P202 with a vapor pressure greater than 1.5 psia under actual storage conditions.

VII. ADDITIONAL REQUIREMENTS.**# 003 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

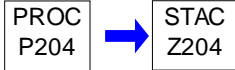
Source ID P202 (Tanks 168, 124, and 169) is an 8,500 gallon above ground, additives storage tank partitioned into 3 compartments which store different additives. One compartment (168) stores gasoline.

SECTION D. Source Level Requirements

Source ID: P204

Source Name: FACILITY FUGITIVE EMISSIONS

Source Capacity/Throughput:

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

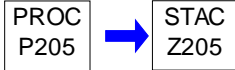
No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**SECTION D. Source Level Requirements**

Source ID: P205

Source Name: OIL/WATER SEPARATOR

Source Capacity/Throughput:

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.**# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

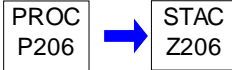
Source ID P205 is an oil/water separator.

**SECTION D. Source Level Requirements**

Source ID: P206

Source Name: ADDITIVE STORAGE TANK 159

Source Capacity/Throughput:

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.**# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall keep records of the types of volatile petroleum liquids stored and the maximum true vapor pressure of the liquid as stored in Source ID P206.

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

V. REPORTING REQUIREMENTS.

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

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

The permittee shall not permit the storage of volatile organic compounds in Source ID P206 with a vapor pressure greater than 1.5 psia (10.5 kilopascals) under actual storage conditions.

VII. ADDITIONAL REQUIREMENTS.**# 003 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Source ID P206 is a 2000 gallon, above ground, additive storage tank for ultra low sulfur diesel fuel.



SECTION E. Source Group Restrictions.



SECTION F. Alternative Operation Requirements.

No Alternative Operations exist for this State Only facility.



SECTION G. Emission Restriction Summary.

No emission restrictions listed in this section of the permit.



SECTION H. Miscellaneous.



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