



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

TITLE V/STATE OPERATING PERMIT

Issue Date: April 28, 2010

Effective Date: April 28, 2010

Expiration Date: April 27, 2015

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

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

[TITLE V Permit No: 41-00002](#)

Federal Tax Id - Plant Code: 25-1588399-2

Owner Information

Name: KOPPERS INC
Mailing Address: PO BOX 189
MONTGOMERY, PA 17752-0189

Plant Information

Plant: KOPPERS INC/COGEN PLT
Location: 41 Lycoming County 41912 Clinton Township
SIC Code: 4931 Trans. & Utilities - Electric And Other Services Combined

Responsible Official

Name: PAUL C BESWICK
Title: PLANT MANAGER
Phone: (570) 547 - 1651

Permit Contact Person

Name: DONALD J. MURACO
Title: SHE MANAGER
Phone: (570) 547 - 1651

[Signature] _____
MUHAMMAD Q. ZAMAN, ACTING NORTHCENTRAL REGION AIR PROGRAM MANAGER

SECTION A. Table of Contents

Section A. Facility/Source Identification

Table of Contents
Site Inventory List

Section B. General Title V Requirements

- #001 Definitions
- #002 Property Rights
- #003 Permit Expiration
- #004 Permit Renewal
- #005 Transfer of Ownership or Operational Control
- #006 Inspection and Entry
- #007 Compliance Requirements
- #008 Need to Halt or Reduce Activity Not a Defense
- #009 Duty to Provide Information
- #010 Reopening and Revising the Title V Permit for Cause
- #011 Reopening a Title V Permit for Cause by EPA
- #012 Significant Operating Permit Modifications
- #013 Minor Operating Permit Modifications
- #014 Administrative Operating Permit Amendments
- #015 Severability Clause
- #016 Fee Payment
- #017 Authorization for De Minimis Emission Increases
- #018 Reactivation of Sources
- #019 Circumvention
- #020 Submissions
- #021 Sampling, Testing and Monitoring Procedures
- #022 Recordkeeping Requirements
- #023 Reporting Requirements
- #024 Compliance Certification
- #025 Operational Flexibility
- #026 Risk Management
- #027 Approved Economic Incentives and Emission Trading Programs
- #028 Permit Shield

Section C. Site Level Title V Requirements

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

Section D. Source Level Title V Requirements

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

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



SECTION A. Table of Contents

Section E. Alternative Operating Scenario(s)

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

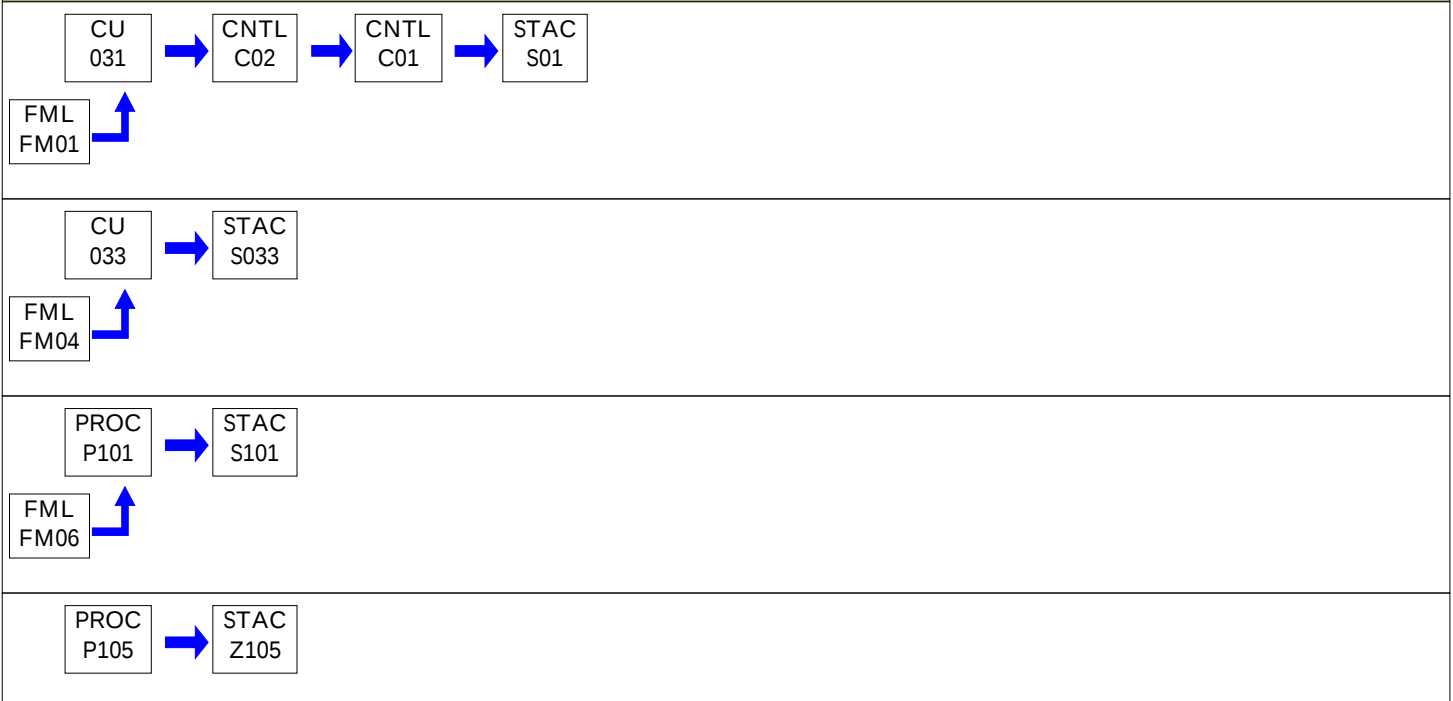
Section F. Emission Restriction Summary

Section G. Miscellaneous

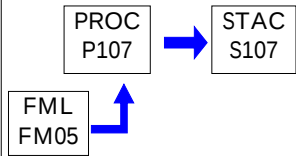
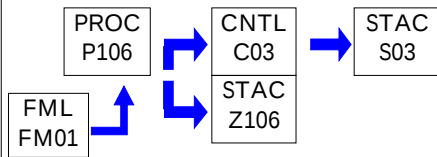
SECTION A. Site Inventory List

Source ID	Source Name	Capacity/Throughput	Fuel/Material
031	WELLONS BOILER	173.200 MMBTU / HR	
033	8 SPACE HEATERS	0.001 Gal / HR	KEROSENE
P101	MAKEUP WATER PUMP	0.001 Gal / HR	GASOLINE
P105	KEROSENE STORAGE TANK	0.001 Gal / HR	KEROSENE
P106	FUEL FEEDING SYSTEM	10.000 Tons / HR	CREOSOTED WOODWAS
P107	EMERGENCY GENERATOR		
C01	PPC INDUSTRIES - ESP		
C02	WELLONS MULTICLONE		
C03	SCIENTIFIC FABRIC COLLECTOR		
FM01	RAILROAD CROSSTIE STORAGE AREA		
FM04	KEROSENE		
FM05	DIESEL FUEL		
FM06	GASOLINE		
S01	WELLONS ESP EXHAUST		
S03	FABRIC COLLECTOR STACK		
S033	SPACE HEATER EXHAUSTS		
S101	MAKEUP WATER PUMP EXHAUST		
S107	EMERGENCY GENERATOR STACK		
Z105	STORAGE TANK EMISSIONS		
Z106	FUEL FEED SYSTEM FUGITIVE		

PERMIT MAPS



PERMIT MAPS



SECTION B. General Title V Requirements

#001 [25 Pa. Code § 121.1]

Definitions

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

#002 [25 Pa. Code § 127.512(c)(4)]

Property Rights

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

#003 [25 Pa. Code § 127.446(a) and (c)]

Permit Expiration

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

#004 [25 Pa. Code §§ 127.412, 127.413, 127.414, 127.446(e) & 127.503]

Permit Renewal

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

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

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

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

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

Transfer of Ownership or Operational Control

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

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

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

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

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

SECTION B. General Title V Requirements

#006 [25 Pa. Code § 127.513, 35 P.S. § 4008 and § 114 of the CAA]

Inspection and Entry

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

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

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

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

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

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

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

#007 [25 Pa. Code §§ 127.25, 127.444, & 127.512(c)(1)]

Compliance Requirements

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

(1) Enforcement action

(2) Permit termination, revocation and reissuance or modification

(3) Denial of a permit renewal application

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

(c) For purposes of Sub-condition (b) of this permit condition, the specifications in applications for plan approvals and operating permits are the physical configurations and engineering design details which the Department determines are essential for the permittee's compliance with the applicable requirements in this Title V permit. 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 § 127.512(c)(2)]

Need to Halt or Reduce Activity Not a Defense

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

#009 [25 Pa. Code §§ 127.411(d) & 127.512(c)(5)]

Duty to Provide Information

(a) The permittee shall furnish to the Department, within a reasonable time, information that the Department may request

SECTION B. General Title V Requirements

in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit, or to determine compliance with the permit.

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

#010 [25 Pa. Code §§ 127.463, 127.512(c)(3) & 127.542]

Reopening and Revising the Title V Permit for Cause

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

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

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

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

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

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

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

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

#011 [25 Pa. Code § 127.543]

Reopening a Title V Permit for Cause by EPA

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

#012 [25 Pa. Code § 127.541]

Significant Operating Permit Modifications

When permit modifications during the term of this permit do not qualify as minor permit modifications or administrative amendments, the permittee shall submit an application for significant Title V permit modifications in accordance with 25 Pa. Code § 127.541.

#013 [25 Pa. Code §§ 121.1 & 127.462]

Minor Operating Permit Modifications

(a) The permittee may make minor operating permit modifications (as defined in 25 Pa. Code § 121.1) in accordance with 25 Pa. Code § 127.462.

(b) Unless precluded by the Clean Air Act or the regulations thereunder, the permit shield described in 25 Pa. Code §

SECTION B. General Title V Requirements

127.516 (relating to permit shield) shall extend to an operational flexibility change authorized by 25 Pa. Code § 127.462.

#014 [25 Pa. Code § 127.450]

Administrative Operating Permit Amendments

(a) The permittee may request administrative operating permit amendments, as defined in 25 Pa. Code § 127.450(a), according to procedures specified in § 127.450. Administrative amendments are not authorized for any amendment precluded by the Clean Air Act or the regulations thereunder from being processed as an administrative amendment.

(b) Upon taking final action granting a request for an administrative permit amendment in accordance with § 127.450(c), the Department will allow coverage under 25 Pa. Code § 127.516 (relating to permit shield) for administrative permit amendments which meet the relevant requirements of 25 Pa. Code Article III, unless precluded by the Clean Air Act or the regulations thereunder.

#015 [25 Pa. Code § 127.512(b)]

Severability Clause

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

#016 [25 Pa. Code §§ 127.704, 127.705 & 127.707]

Fee Payment

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

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

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

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

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

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

#017 [25 Pa. Code §§ 127.14(b) & 127.449]

Authorization for De Minimis Emission Increases

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

SECTION B. General Title V Requirements

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

SECTION B. General Title V Requirements

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

(e) Unless precluded by the Clean Air Act or the regulations thereunder, the permit shield described in 25 Pa. Code § 127.516 (relating to permit shield) applies to de minimis emission increases and the installation of minor sources made pursuant to this permit condition.

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

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

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

#018 [25 Pa. Code §§ 127.11a & 127.215]

Reactivation of Sources

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

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

#019 [25 Pa. Code §§ 121.9 & 127.216]

Circumvention

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

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

#020 [25 Pa. Code §§ 127.402(d) & 127.513(1)]

Submissions

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

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

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

Air Enforcement Branch (3AP00)
United States Environmental Protection Agency
Region 3

SECTION B. General Title V Requirements

1650 Arch Street
Philadelphia, PA 19103-2029

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

#021 [25 Pa. Code §§ 127.441(c) & 127.463(e); Chapter 139; & 114(a)(3), 504(b) of the CAA]

Sampling, Testing and Monitoring Procedures

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

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

#022 [25 Pa. Code §§ 127.511 & Chapter 135]

Recordkeeping Requirements

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

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

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

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

#023 [25 Pa. Code §§ 127.411(d), 127.442, 127.463(e) & 127.511(c)]

Reporting Requirements

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

SECTION B. General Title V Requirements

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

(c) Every report submitted to the Department under this permit condition shall comply with the submission procedures specified in Section B, Condition #020(c) of this permit.

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

#024 [25 Pa. Code § 127.513]

Compliance Certification

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

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

(b) The compliance certification should be postmarked or hand-delivered within thirty days of each anniversary date of the date of issuance or, of the submittal date specified elsewhere in the permit, to the Department and EPA in accordance with the submission requirements specified in condition #020 of this section.

#025 [25 Pa. Code § 127.3]

Operational Flexibility

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

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

(b) Unless precluded by the Clean Air Act or the regulations adopted thereunder, the permit shield authorized under 25 Pa. Code § 127.516 shall extend to operational flexibility changes made at this Title V facility pursuant to this permit

SECTION B. General Title V Requirements

condition and other applicable operational flexibility terms and conditions of this permit.

#026 [25 Pa. Code §§ 127.441(d), 127.512(i) and 40 CFR Part 68]

Risk Management

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

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

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

(i) Three years after the date on which a regulated substance is first listed under § 68.130; or,

(ii) The date on which a regulated substance is first present above a threshold quantity in a process.

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

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

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

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

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

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

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

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

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

(2) The permittee fails to submit a compliance schedule or include a statement in the compliance certification required under Condition #24 of Section B of this Title V permit that the Title V facility is in compliance with the requirements of Section 112(r) of the Clean Air Act, 40 CFR Part 68, and 25 Pa. Code § 127.512(i).

#027 [25 Pa. Code § 127.512(e)]

Approved Economic Incentives and Emission Trading Programs

SECTION B. General Title V Requirements

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

#028 [25 Pa. Code §§ 127.516, 127.450(d), 127.449(f) & 127.462(g)]

Permit Shield

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

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

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

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

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

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

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

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

(c) Unless precluded by the Clean Air Act or regulations thereunder, final action by the Department on minor or significant permit modifications, and operational flexibility changes shall be covered by the permit shield. Upon taking final action granting a request for an administrative permit amendment, the Department will allow coverage of the amendment by the permit shield in § 127.516 for administrative amendments which meet the relevant requirements of 25 Pa. Code Article III.

(d) The permit shield authorized under § 127.516 is in effect for the permit terms and conditions in this Title V permit, including administrative operating permit amendments and minor operating permit modifications.

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) Blasting in open pit mines. Emissions from drilling are not considered emission from blasting.
- (8) 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)-(8) above, 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 of visible air contaminants into the outdoor atmosphere 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).

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived form the permittee requesting this elective restriction]

The total combined volatile organic compound (VOC) emissions from all air contamination sources at the facility which includes the railroad crosstie treatment plant (SMOP 41-00028) shall not equal or exceed 50 tons in any 12 consecutive month

SECTION C. Site Level Requirements

period.

Fuel Restriction(s).

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The sulfur content of the #2 or lighter fuel oil delivered to this facility shall not exceed 0.5% sulfur (by weight).

(b) No reclaimed / reprocessed or waste oil or oil that contains any waste materials shall be used at this facility.

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) Waste creosote-treated utility poles:

(1) All utility poles received at the facility for possible use as fuel for Source ID 031 shall be visually examined and those poles which are clearly treated with a preservative other than creosote shall be excluded from use as fuel.

(2) All remaining poles shall then be examined for an identifier or brand which includes the preservatives used.

(3) Any poles having an identifier or brand indicating the use of a preservative other than creosote shall be excluded from use as fuel.

(4) All remaining poles shall then be subjected to the Beilstein test for pentachlorophenol presence and any pole for which an indication of pentachlorophenol presence is shown shall be excluded from use as fuel.

(b) Waste creosote-treated flooring blocks:

(1) At least two individual randomly-selected flooring blocks from each individual truck load or individual railcar load of flooring blocks received at the facility for possible use as fuel for Source ID 031 shall be subjected to the Beilstein test for pentachlorophenol presence and any load containing a flooring block for which an indication of pentachlorophenol presence is shown shall be excluded from use as fuel.

II. TESTING REQUIREMENTS.

008 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) At least sixty (60) days prior to the performance of the stack 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 stack testing required by this permit.

(c) Within sixty (60) days of the completion of the stack 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 §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 percent sulfur by weight of each delivery of #2 or lighter fuel oil.

OR

SECTION C. Site Level Requirements

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 fuel delivered to the facility during the year shall not exceed 0.5% sulfur by weight for #2 or lighter fuel oil.

010 [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.

011 [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 effect emissions from the process.
- (3) The location of sampling ports.
- (4) Effluent characteristics, including velocity, temperature, moisture content, gas density (percentage of CO, CO₂, O₂ and 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.

012 [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.

013 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

(a) The permittee shall conduct a weekly inspection of the facility during daylight hours while the facility is operating to detect visible emissions, visible fugitive emissions and malodors. Weekly inspections are necessary to determine:

- (1) The presence of visible emissions.
- (2) The presence of visible fugitive emissions.

SECTION C. Site Level Requirements

(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.

014 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

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

(a) The permittee shall maintain comprehensive and accurate records of the following:

(1) supporting calculations used to verify compliance with the annual volatile organic compound (VOC) emissions limitation for all air contamination sources at the facility which includes the railroad crosstie treatment plant (SMOP 41-00028).

(2) the monthly VOC emissions from each air contamination source at the facility which includes the railroad crosstie treatment plant (SMOP 41-00028).

(3) all Beilstein tests performed at this site on waste utility poles and waste flooring blocks for pentachlorophenol presence.

(4) the fuel test reports or the fuel certification reports used to verify compliance with the percent sulfur limitation for # 2 or lighter fuel oil.

(b) All records generated pursuant to this permit condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

015 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

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

(a) The permittee shall maintain a logbook of the 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 retained for a minimum of 5 years and shall be made available to the Department upon request.

016 [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 25 Pa. Code Section 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. These records shall be retained for at least five years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

017 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

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

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

(1) The supporting calculations used to verify compliance with the annual volatile organic compound (VOC) emissions limitation for all air contamination sources at the facility which includes the railroad crosstie treatment plant (SMOP 41-00028).

SECTION C. Site Level Requirements

(2) The monthly VOC emissions from each air contamination source at the facility which includes the railroad crosstie treatment plant (SMOP 41-00028).

(b) The semi-annual reports shall be submitted to the Department by no later than September 1 (July 1 of the previous year through June 30 of the concurrent year) time period and March 1 (January 1 through December 31 of the previous year). If the AIMS report also contains information that satisfies the second semi-annual reporting requirements, then no separate submittal is required for this time period. However, a statement should be included along with the AIMS report stating that the information contained in the AIMS report satisfies the reporting requirements for the second semi-annual report. The statement should also include a reference to the Source IDs and Condition Numbers.

018 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall submit the annual compliance certifications to the Department and EPA Region III, as specified in Condition #024 of Section B, General Title V Requirements, no later than September 1 (from July of the previous year through June of the current year).

(b) The permittee shall submit the semi-annual reports of required monitoring to the Department, as specified in Condition #023 of Section B, General Title V Requirements, no later than September 1 (for January through June) and March 1 (for July through December of the previous year).

019 [25 Pa. Code §127.442]

Reporting requirements.

(a) With the exception noted below, the permittee shall report malfunctions 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. Malfunctions that are not resulting in, or potentially resulting in, air contaminant emissions in excess of an applicable air contaminant emission limitation and/or are not resulting in, or potentially resulting in, noncompliance with any condition contained in this operating permit do not have to be reported. 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 the permit requirements.

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

(d) Any malfunction, excess emission or deviation from the permit requirements that is not subject to the notice requirements of subsection (c) of this permit condition shall be reported to the Department within twenty-four (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,
- (vi) corrective actions or preventative measures taken.

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

(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 emission or deviation from the permit requirements.

SECTION C. Site Level Requirements

020 [25 Pa. Code §135.21]

Emission statements

(a) The permittee shall provide the Department with a statement of each stationary source in a form as prescribed by the Department (AIMS report), showing the actual emissions of oxides of nitrogen and volatile organic compounds (VOCs) from the permitted facility for each reporting period, a description of the method used to calculate the emissions and the time period over which the calculation is based.

(b) The annual emission statements (AIMS report) are due by March 1 for the preceding calendar year and shall contain a certification by a company officer or the plant manager that the information contained in the statement is accurate. The Emission Statement shall provide data consistent with requirements and guidance developed by the EPA.

(c) The Department may require more frequent submittals if the Department determines that one or more of the following applies:

(1) A more frequent submission is required by the EPA.

(2) Analysis of the data on a more frequent basis is necessary to implement the requirements of the Air Pollution Control Act.

021 [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 Annual Air Information Management Systems (AIMS) Emissions 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 Annual Air Information Management Systems (AIMS) Emissions report is necessary, shall submit an initial Annual Air Information Management Systems (AIMS) Emissions 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) The permittee may request an extension of time from the Department for the filing of a Annual Air Information Management Systems (AIMS) Emissions report, and the Department may grant the extension for reasonable cause.

VI. WORK PRACTICE REQUIREMENTS.

022 [25 Pa. Code §123.1]

Prohibition of certain fugitive emissions

For any source specified in 25 Pa. Code Section 123.1 subsection(s) (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.

VII. ADDITIONAL REQUIREMENTS.

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.

SECTION C. Site Level Requirements

024 [25 Pa. Code §121.7]

Prohibition of air pollution.

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

025 [25 Pa. Code §129.14]

Open burning operations

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

VIII. COMPLIANCE CERTIFICATION.

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

IX. COMPLIANCE SCHEDULE.

No compliance milestones exist.

*** Permit Shield In Effect **

SECTION D. Source Level Requirements

Source ID: 031

Source Name: WELLONS BOILER

Source Capacity / Throughput: 173.200 MMBTU / HR



I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §123.22]

Combustion units

The permittee shall not permit the emission of sulfur oxides, expressed as sulfur dioxide (SO₂), into the outdoor atmosphere from Source ID 031 in excess of the rate of 4 pounds per million Btu of heat input over any 1-hour period.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1, 127.12 and 129.91-129.95]

(a) The air contaminant emissions from Source ID 031 shall not exceed the following limitations:

(1) The carbon monoxide (CO) emissions shall not exceed 340 ppmv corrected to 7% oxygen, dry basis (three-hour average) or 120 ppmv corrected to 7% oxygen, dry basis (24-hour average) or 60 ppmv corrected to 7% oxygen, dry basis (30-day rolling average).

(2) The nitrogen oxides (NO_x) emissions shall not exceed 160 ppmv corrected to 7% oxygen, dry basis (24-hour average) or 145 ppmv corrected to 7% oxygen, dry basis (30-day rolling average).

(3) The polychlorinated dibenzo-p-dioxin (PCDD) and polychlorinated dibenzofuran (PCDF) emissions, expressed as 2,3,7,8-tetrachlorinated dibenzo-p-dioxin (TCDD) equivalents using the following toxicity equivalence factors, shall not exceed 2 nanograms per dry standard cubic meter.

2,3,7,8 - TCDD Toxicity Equivalence Factors (TEFs)

Homologue / Congener TEF

Mono through trichloro dioxins and Dibenzofurans 0

2,3,7,8-TCDD 1

Other TCDDs 0.01

2,3,7,8-PeCDD 0.5

Other PeCDDs 0.005

2,3,7,8-HxCDDs 0.04

Other HxCDDs 0.0004

2,3,7,8 HpCDDs 0.001

Other HpCDDs 0.00001

OCDDs 0

2,3,7,8-TCDF 0.1

Other TCDFs 0.001

2,3,7,8 PeCDFs 0.1

Other PeCDFs 0.001

2,3,7,8-HxCDFs 0.01

Other HxCDFs 0.0001

2,3,7,8-HpCDFs..... 0.001

SECTION D. Source Level Requirements

Other HpCDFs..... 0.00001
OCDFs 0

(b) The carbon monoxide (CO) emission limitations shall not apply during conditions of startup of Source ID 031 provided that only untreated wood is being burned.

003 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

The operation of Source ID 031 shall not result in the emission of 250 tons or more of any single air contaminant regulated by the Federal Clean Air Act.

004 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code Sections 122.3, 127.1, 127.12 and 40 CFR Section 60.43b(c)(1)]

The particulate matter emissions from the exhaust of Control Device C01 associated with Source ID 031 shall not exceed 0.1 pounds per million BTU of heat input.

005 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is derived from 40 CFR Part 64 Section 64.6]

The exhaust of Control Device C01 associated with Source ID 031 shall not exceed 15% opacity at any time.

Fuel Restriction(s).

006 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

Source ID 031 shall be fired only with waste creosote-treated railroad crossties which have been removed from service, waste creosote-treated utility poles which have been removed from service, waste creosote-treated wood flooring blocks which have been removed from service and untreated wood. No freshly creosoted wood, wood treated with a preservative other than creosote, demolition waste or any fuel or material other than waste creosote-treated crossties, utility poles and flooring blocks and untreated wood shall be burned in Source ID 031 without prior Department approval.

007 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

(a) Waste creosote-treated utility poles:

(1) All utility poles received at the facility for possible use as fuel for Source ID 031 shall be visually examined and those poles which are clearly treated with a preservative other than creosote shall be excluded from use as fuel.

(2) All remaining poles shall then be examined for an identifier or brand which includes the preservatives used.

(3) Any poles having an identifier or brand indicating the use of a preservative other than creosote shall be excluded from use as fuel.

(4) All remaining poles shall then be subjected to the Beilstein test for pentachlorophenol presence and any pole for which an indication of pentachlorophenol presence is shown shall be excluded from use as fuel.

(b) Waste creosote-treated flooring blocks:

(1) At least two individual randomly-selected flooring blocks from each individual truck load or individual railcar load of flooring blocks received at the facility for possible use as fuel for Source ID 031 shall be subjected to the Beilstein test for pentachlorophenol presence and any load containing a flooring block for which an indication of pentachlorophenol presence is shown shall be excluded from use as fuel.

SECTION D. Source Level Requirements**II. TESTING REQUIREMENTS.**

008 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code Sections 129.91-129.95]

The continuous opacity, carbon monoxide, and nitrogen oxides emissions monitoring systems for Source ID 031 shall comply with all applicable requirements specified in 25 Pa. Code Chapter 139 and the Department's "Continuous Source Monitoring Manual."

009 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

Upon request from the Department, the permittee shall provide fuel analyses and /or samples of the fuel used in Source ID 031.

010 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

(a) The permittee shall perform, at least, three (3) particulate matter stack tests and three (3) polychlorinated dibenzo-p-dioxin (PCCD)/ polychlorinated dibenzofuran (PCDF) stack tests on Source ID 031 and Control Device C01 by no later than April 30, 2011 and, thereafter, by no later than April 30 of every second year (2013, 2015, etc.).

(b) In each case, the source testing shall be performed in accordance with all applicable requirements specified in Chapter 139 of 25 Pa. Code while Source ID 031 is being operated at its maximum capacity.

011 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

(a) Any waste utility pole used for fuel for Source ID 031 shall be subjected to the Beilstein test for pentachlorophenol presence prior to use.

(b) No waste flooring block may be used as fuel in Source ID 031 unless at least two (2) blocks from the same truck load or railcar load of blocks from which the respective flooring block was obtained have first been subjected to the Beilstein test for pentachlorophenol presence.

III. MONITORING REQUIREMENTS.

012 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is derived from 40 CFR Part 64 Section 64.6]

The exhaust of Control Device C01 shall be equipped with a Continuous Opacity Monitoring System (COMS) to monitor the opacity on a continuous basis. The opacity from Control Device C01 associated with Source ID 031 shall be monitored and recorded by the COMS.

IV. RECORDKEEPING REQUIREMENTS.

013 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code Sections 127.511, 129.95 and 40 CFR Part 75 Section 75.57]

(a) The permittee shall maintain accurate and comprehensive records of the following information:

(1) The data generated by the continuous carbon monoxide and nitrogen oxide emissions and opacity monitoring systems for Source ID 031.

(2) All records specified in, or established pursuant to, the Department's "Continuous Source Monitoring Manual".

(3) Records of the date, time and duration of each startup for Source ID 031 compiled by the Continuous Emission Monitoring System (CEMS).

SECTION D. Source Level Requirements

(4) The permittee shall maintain records of all Beilstein tests performed at this site on waste utility poles and waste flooring blocks for pentachlorophenol presence.

(5) Records of the supporting calculations used to verify the SO_x, particulate matter, polychlorinated dibenzo-p-dioxin (PCDD), and polychlorinated dibenzofuran (PCDF) emissions limitations for Source ID 031.

(b) All records generated pursuant to this permit condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

014 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is derived from 40 CFR Part 64 Section 64.9]

(a) The permittee shall maintain accurate and comprehensive records of the following:

(1) The one (1) hour average of the opacity from the exhaust of Control Device C01 associated with Source ID 031.

(2) Monitor performance data (calibrations, monitor accuracy, monitor malfunctions, etc.) of the Continuous Opacity Monitoring System (COMS) and corrective actions taken in the event of an excursion from the required Compliance Assurance Monitor (CAM) opacity range.

(b) All records generated pursuant to this permit condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

015 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

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

The permittee shall submit records of the data generated by the continuous nitrogen oxides, carbon monoxide and opacity monitoring systems to the Department as specified in, or established pursuant to, the Department's "Continuous Source Monitoring Manual."

016 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code Sections 129.91 through 129.95 and 40 CFR Part 75 Sections 75.65]

(a) The permittee shall submit quarterly reports to the Department which include the records of the data generated by the continuous carbon monoxide and nitrogen oxide emission and opacity monitoring system for Source ID 031.

(b) The quarterly reports shall be submitted to the Department by no later than June 1, September 1, December 1 and March 1, following the respective preceding calendar quarter.

017 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is derived from 40 CFR Part 64 Section 64.9]

(a) The permittee shall submit semi-annual report to the Department including the following:

(1) The one (1) hour average of the opacity from the exhaust of Control Device C01 associated with Source ID 031.

(b) Summary information on the number, duration and cause (including unknown cause, if applicable) of excursions of the Compliance Assurance Monitoring (CAM) opacity indicator and the corrective action(s) taken.

(2) Summary information on the number, duration and cause (including unknown cause, if applicable) for monitor downtime incidents (other than downtime associated with calibration checks).

SECTION D. Source Level Requirements

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

018 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4]

[Subpart A - General Provisions](#)

[Address.](#)

The submission of all requests, reports, applications, submittals and other communications required by the Standards of Performance for New Stationary Sources (40 CFR Part 60 Subpart Db) shall be submitted to both the U. S. Environmental Protection Agency and the Department. The Environmental Protection Agency copies may be sent to:

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

and

The Pennsylvania Department of Environmental Protection
Air Quality Program Manager
208 W. Third Street, Suite 101
Williamsport, PA 17701-6448

VI. WORK PRACTICE REQUIREMENTS.

019 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is derived from 40 CFR Part 64 Section 64.7(d)]

Upon detecting an excursion, as defined in 40 CFR Section 64.1, of the Compliance Assurance Monitoring (CAM) opacity range established herein, the permittee shall restore operation of Source ID 031 and /or Control Devices C01 and C02 to its normal or usual manner of operation as expeditiously as practicable in accordance with good air pollution control practices for minimizing emissions. The response shall include minimizing the period of any startup, shutdown or malfunction and taking any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of the excursion.

VII. ADDITIONAL REQUIREMENTS.

020 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

Source ID 031 is a 173.2 million Btu per hour, creosoted wood waste-fired Wellons boiler.

021 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code Sections 129.91 through 129.95]

The permittee shall maintain and operate the continuous opacity, carbon monoxide, and nitrogen oxides emissions monitoring systems on Source ID 031 in accordance with all applicable requirements specified in 25 Pa. Code Chapter 139 and the Department's "Continuous Source Monitoring Manual."

022 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code Sections 127.1 and 127.12]

The air contaminant emissions from Source ID 031 shall be controlled by a Wellons, Inc. multiclone (ID C02) and a PPC electrostatic precipitator (ID C01).

SECTION D. Source Level Requirements

023 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is derived from 40 CFR Part 64 Section 64.8]

(a) The permittee shall develop and implement a quality improvement plan (QIP) as expeditiously as practicable if any of the following occurs:

(1) for properly and accurately collected data, accumulated excursions exceed 5% duration of the operational time in the reporting period,

(2) six (6) excursions occur in a six-month reporting period, or

(3) the Department determines after review of all reported information that the permittee has not responded acceptably to an excursion.

(b) The permittee shall follow the provisions of 40 CFR Section 64.8 if a QIP is required.

024 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

Source ID 031 is subject to 40 CFR Part 64 Compliance Assurance Monitoring (CAM). The permittee shall comply with the requirements, as specified in 40 CFR Sections 64.1 through 64.10. In addition, the permittee shall follow the provisions of the submitted CAM Plan and supplemental information.

025 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.40b]

[Subpart Db - Standards of Performance for Industrial- Commercial-Institutional Steam Generating Units](#)

[Applicability and delegation of authority.](#)

Source ID 031 is subject to the requirements of 40 CFR Part 60 Subpart Db, Sections 60.40b through 60.49b. The permittee shall comply with the requirements, as specified in 40 CFR Sections 60.40b through 60.49b.

026 [40 CFR Part 75 Continuous Emission Monitoring §40 CFR 75.2]

[Subpart A--General](#)

[Applicability.](#)

Source ID 031 is subject to the requirements of 40 CFR Part 75, Sections 75.1 through 75.75. The permittee shall comply with the requirements, as specified in 40 CFR Part 75 Sections 75.1 through 75.75.

*** Permit Shield in Effect. ***

SECTION D. Source Level Requirements

Source ID: 033

Source Name: 8 SPACE HEATERS

Source Capacity / Throughput:

0.001 Gal / HR

KEROSENE

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

001 [25 Pa. Code §123.22]

Combustion units

The permittee shall not permit the emission of sulfur oxides (SO_x, expressed as SO₂) into the outdoor atmosphere from each heater incorporated in Source ID 033 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.

Each heater incorporated in Source ID 033 shall be fired only on kerosene.

II. TESTING REQUIREMENTS.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Upon request from the Department, the permittee shall provide fuel analyses and / or samples of the fuel used in Source ID 033.

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.93]

Each heater incorporated in Source ID 033 shall be maintained and operated in accordance with manufacturers' specifications and in accordance with good air pollution control practices.

**SECTION D. Source Level Requirements****VII. ADDITIONAL REQUIREMENTS.**

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID 033 consists of eight (8) kerosene-fired, space heaters:

- (a) two (2) 0.160 million Btu per hour (each), Stone model SG 160 space heaters,
- (b) two (2) 0.165 million Btu per hour (each), Master model B165AT space heaters,
- (c) two (2) 0.150 million Btu per hour (each), Master space heaters,
- (d) one (1) 0.090 million Btu per hour, Dart model DB100D space heater,
- (e) one (1) 0.650 million Btu per hour, Aeroil model ARL 651 space heater.

*** Permit Shield in Effect. ***

SECTION D. Source Level Requirements

Source ID: P101

Source Name: MAKEUP WATER PUMP

Source Capacity / Throughput:

0.001 Gal / HR

GASOLINE

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

001 [25 Pa. Code §123.13]

Processes

The concentration of particulate matter from the exhaust of Source ID P101 shall not exceed 0.04 grains per dry standard cubic foot of effluent gas volume.

002 [25 Pa. Code §123.21]

General

The concentration of sulfur oxides (SO_x, expressed as SO₂) in the exhaust from Source ID P101 shall not exceed 500 parts per million, by volume, dry basis.

Fuel Restriction(s).

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID P101 shall be fired only on gasoline.

Operation Hours Restriction(s).

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.93]

Source ID P101 shall not be operated more than 500 hours in any 12 consecutive month period until such time as the permittee provides adequate demonstration to the Department that Source ID P101 has been set and is being maintained, 4° retarded relative to standard timing.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.95 and 127.511]

(a) The permittee shall maintain comprehensive and accurate records of the number of hours that Source ID P101 is operated on a monthly basis.

SECTION D. Source Level Requirements

(b) All records generated pursuant to this permit condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

006 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.91 through 129.95 and 127.511]

(a) The permittee shall submit annual reports to the Department which include the number of hours that Source ID P101 is operated on a monthly basis.

(b) The reports shall be submitted to the Department by no later than March 1 January 1 through December 31 of the previous year). If the AIMS report also contains information that satisfies the annual reporting requirements, then no separate submittal is required. However, a statement should be included along with the AIMS report stating that the information contained in the AIMS report satisfies the reporting requirements for the annual report. The statement should also include a reference to the Source IDs and Condition Numbers.

VI. WORK PRACTICE REQUIREMENTS.

007 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.93]

Source ID P101 shall be maintained and operated in accordance with manufacturers' specifications and in accordance with good air pollution control practices.

VII. ADDITIONAL REQUIREMENTS.

008 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

Source ID P101 is an eight (8) horsepower, gasoline-fired, Honda 2H makeup water pump.

*** Permit Shield in Effect. ***

SECTION D. Source Level Requirements

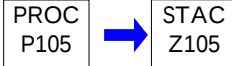
Source ID: P105

Source Name: KEROSENE STORAGE TANK

Source Capacity / Throughput:

0.001 Gal / HR

KEROSENE



I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §129.57]

Storage tanks less than or equal to 40,000 gallons capacity containing VOCs

The permittee shall not store any liquid containing volatile organic compounds (VOC) with a vapor pressure greater than 1.5 psia (10.5 kilopascals) under actual storage conditions in Source ID P105 unless the tank is equipped with a pressure relief valve which is maintained in good operating condition and which is set to release at no less than 0.7 psig of pressure or 0.3 psig of vacuum, or the highest possible pressure and vacuum in accordance with state or local fire codes or the National Fire Prevention Association guidelines or other national consensus standards acceptable to the Department.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

(a) The permittee shall maintain comprehensive and accurate records of the vapor pressure of the volatile organic compound-containing materials stored in Source ID P105 unless the tank is equipped with a pressure relief valve.

(b) All records generated pursuant to this permit condition shall be retained for a minimum of five (5) years 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 (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID P105 is a 2,000-gallon, above-ground, kerosene storage tank.



SECTION D. Source Level Requirements

*** Permit Shield in Effect. ***

SECTION D. Source Level Requirements

Source ID: P106

Source Name: FUEL FEEDING SYSTEM

Source Capacity / Throughput:

10.000 Tons / HR

CREOSOTED WOODWASTE

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

001 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this condition derived from 25 Pa. Code Sections 127.1 and 127.12]

{Compliance with this permit condition assures compliance with the requirements of 25 Pa. Code Section 123.13}

The concentration of particulate matter from the Control Device C03 associated with the Jeffrey wood hog incorporated in Source ID P106 shall not exceed 0.01 grains per dry standard cubic foot of effluent gas volume.

II. TESTING REQUIREMENTS.

002 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this condition derived from 25 Pa. Code Sections 127.1 and 127.12]

Any pieces of utility poles processed in Source ID P106 shall first undergo all examination and testing required by Source ID 031 condition #006.

III. MONITORING REQUIREMENTS.

003 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this condition derived from 25 Pa. Code Sections 127.1 and 127.12]

Control Device C03 associated with the Jeffrey wood hog incorporated in Source ID P106 shall be equipped with instrumentation to monitor the pressure differential across the fabric collector on a continuous basis.

IV. RECORDKEEPING REQUIREMENTS.

004 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this condition derived from 25 Pa. Code Sections 127.1 and 127.12]

(a) The pressure differential existing across Control Device C03 associated with the Jeffrey wood hog incorporated in Source ID P106 shall be recorded at least once during any work shift in which the Jeffrey wood hog is operated.

(b) All records generated pursuant to this permit condition shall be retained for a minimum of five (5) years 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 (Title V General Requirements).

SECTION D. Source Level Requirements

VI. WORK PRACTICE REQUIREMENTS.

005 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this condition derived from 25 Pa. Code Sections 127.1 and 127.12]

The only fuels to be processed in Source ID P106 shall be waste creosoted railroad crossties, waste creosoted utility poles and waste creosote-treated wood flooring blocks which have been removed from service, and untreated wood. No freshly creosoted wood, wood treated with a preservative other than creosote, demolition waste or any fuel or material other than waste creosoted railroad crossties, waste creosoted utility poles, waste creosoted wood flooring blocks and untreated wood shall be processed in Source ID P106.

VII. ADDITIONAL REQUIREMENTS.

006 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this condition derived from 25 Pa. Code Sections 127.1 and 127.12]

The particulate matter emissions from the Jeffrey wood hog incorporated in Source ID P106 shall be controlled by a Scientific SJ-36-X4B8 fabric collector (Control Device C03). The Jeffrey wood hog shall not be operated without the simultaneous operation of Control Device C03.

007 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

Source ID P106 is a fuel feeding system consisting of:

- (a) One (1) feed hopper
- (b) One (1) 36" x 49' in-feed conveyor
- (c) One (1) 15 ton per hour Jeffrey 55WB-SS wood hog
- (d) One (1) 36" x 33' out-feed conveyor
- (e) One (1) 2,300 cubic foot storage hopper
- (f) One (1) discharge hopper / vibrating conveyor
- (g) One (1) 30' x 90' covered conveyor (Boiler Feed Conveyor #1)
- (h) One (1) 30' x 14' covered conveyor (Boiler Feed Conveyor #2)
- (i) One (1) Mitronics MSI-24 belt weigh cell
- (j) one (1) diverter.

*** Permit Shield in Effect. ***

SECTION D. Source Level Requirements

Source ID: P107

Source Name: EMERGENCY GENERATOR

Source Capacity / Throughput:

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

001 [25 Pa. Code §123.13]

Processes

The concentration of particulate matter in the exhaust of Source ID P107 shall not exceed 0.04 grains per dry standard cubic foot of effluent gas volume.

002 [25 Pa. Code §123.21]

General

The concentration of sulfur oxides, expressed as sulfur dioxide (SO₂), in the exhaust from Source ID P107 shall not exceed 500 parts per million, by volume, dry basis

Fuel Restriction(s).

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID P107 be fired on diesel fuel only to which no reclaimed / reprocessed oil, waste oil or other waste materials have been added.

Operation Hours Restriction(s).

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID P107 shall not be operated more than 132 hours 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 (Title V General Requirements).

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall maintain comprehensive and accurate records on the number of hours that Source ID P107 is operated on a monthly basis.

(b) All records generated pursuant to this permit condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

SECTION D. Source Level Requirements**V. REPORTING REQUIREMENTS.**

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

Source ID P107 is a Kohler model 260ROZ71 diesel-fired, emergency generator equipped with a 348 brake horsepower-hour Cummins Power Generation model DQHAB engine.

*** Permit Shield in Effect. ***



SECTION E. Alternative Operation Requirements.

No Alternative Operations exist for this Title V facility.



SECTION F. Emission Restriction Summary.

No emission restrictions listed in this section of the permit.

SECTION G. Miscellaneous.

The following air contaminant source is considered to be of minor significance to the Department and have been determined to be exempt from permit requirements. However, this determination does not exempt the sources from compliance with all applicable air quality regulations specified in 25 Pa. Code Chapters 121-145:

- (1) One 275 gallon above-ground gasoline storage tank.

This operating permit has been administratively amended to incorporate the conditions established in Plan Approval OP-41-0008A.

A minor modification was made to this operating permit on April 7, 2006, pursuant to the requirements of 25 Pa. Code Section 127.462 to allow the use of waste creosote-treated wood flooring blocks as fuel in Source ID 031.



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