



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
AIR QUALITY PROGRAM

TITLE V/STATE OPERATING PERMIT

Issue Date: August 29, 2005

Effective Date: August 29, 2005

Expiration Date: August 29, 2010

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: 63-00066

Federal Tax Id - Plant Code: 55-0703273-1

Owner Information

Name: WHEELING PGH STEEL CORP

Mailing Address: 1 WHEELING PITTSBURGH STEEL DR  
ALLENPORT, PA 15412

Plant Information

Plant: WHEELING PGH STEEL / ALLENPORT

Location: 63 Washington County

63912 Allenport Borough

SIC Code: 3316 Manufacturing - Cold Finishing Of Steel Shapes

Responsible Official

Name: DON E KEATON

Title: VICE PRESIDENT

Phone: (724) 326 - 0275

Permit Contact Person

Name: BUD E SMITH

Title: DIRECTOR, ENVIRON CONTRL

Phone: (304) 234 - 2662

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

MARK A WAYNER, SOUTHWEST REGION AIR PROGRAM MANAGER



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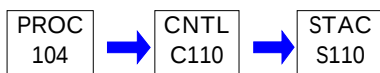
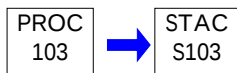
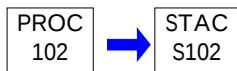
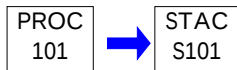
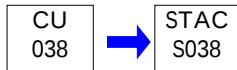
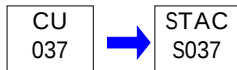
### Section G. Miscellaneous



## SECTION A. Site Inventory List

| Source ID | Source Name                      | Capacity/Throughput | Fuel/Material |
|-----------|----------------------------------|---------------------|---------------|
| 037       | BOILER 1                         | 60.500 MMBTU / HR   |               |
|           |                                  | 0.43 Th Gal / HR    | #2 Oil        |
|           |                                  | 60.00 MCF / HR      | Natural Gas   |
| 038       | BOILER 2                         | 60.500 MMBTU / HR   |               |
|           |                                  | 0.43 Th Gal / HR    | #2 Oil        |
|           |                                  | 60.00 MCF / HR      | Natural Gas   |
| 101       | PUMP HOUSE EMERGENCY PUMP        |                     |               |
| 102       | >10 MMBTU BATCH ANNEAL FURN (2)  |                     |               |
| 103       | <10 MMBTU BATCH ANNEAL FURN (33) |                     |               |
| 104       | HCL ACID TANKS (3)               |                     |               |
| 110       | CONTINUOUS STRIP PICKLER         |                     |               |
| 111       | TANDEM MILL                      |                     |               |
| 114       | WATER QUALITY LIME SILO          |                     |               |
| 118       | GASOLINE STORAGE TANK            |                     |               |
| C110      | HCL SCRUBBER                     |                     |               |
| C111      | TANDEM MILL-FOG ELIMINATOR       |                     |               |
| C114      | LIME SILO BAGHOUSE               |                     |               |
| S037      | BOILER 1 STACK                   |                     |               |
| S038      | BOILER 2 STACK                   |                     |               |
| S101      | PUMP HOUSE PUMP STACK            |                     |               |
| S102      | >10 MMBTU BATCH ANNEAL           |                     |               |
| S103      | <10 MMBTU BATCH ANNEAL           |                     |               |
| S110      | CONT STRIP PICKLER STACK         |                     |               |
| S111      | TANDEM MILL STACK                |                     |               |
| S114      | LIME SILO BAGHOUSE STACK         |                     |               |
| S118      | GAS STORAGE TANK VENT            |                     |               |
| Z110      | CONT STRIP PICKLER FUG           |                     |               |
| Z111      | TANDEM MILL FUGITIVES            |                     |               |

## 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) &amp; 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) &amp; 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 in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit, or to

## SECTION B. General Title V Requirements

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



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#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:

(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.

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

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

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

(2) One ton of NO<sub>x</sub> from a single source during the term of the permit and 5 tons of NO<sub>x</sub> at the facility during the term of the permit.

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

(4) Six-tenths of a ton of PM<sub>10</sub> from a single source during the term of the permit and 3.0 tons of PM<sub>10</sub> at the facility during the term of the permit. This shall include emissions of a pollutant regulated under Section 112 of the Clean Air Act unless precluded by the Clean Air Act or 25 Pa. Code Article III.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

## SECTION B. General Title V Requirements

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 (3AP12)  
United States Environmental Protection Agency  
Region 3  
1650 Arch Street  
Philadelphia, PA 19103-2029

(c) An application, form, report or compliance certification submitted pursuant to this permit condition shall contain certification by a responsible official as to truth, accuracy, and completeness as required under 25 Pa. Code § 127.402(d). Unless otherwise required by the Clean Air Act or regulations adopted thereunder, this certification and any other

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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.

(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.

## SECTION B. General Title V Requirements

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 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

**SECTION B. General Title V Requirements**

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**

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.

## SECTION B. General Title V Requirements

(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**

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

- (1) Construction or demolition of buildings or structures.
- (2) Grading, paving and maintenance of roads and streets.
- (3) Use of roads and streets. Emissions from material in or on trucks, railroad cars and other vehicular equipment are not considered as emissions from use of roads and streets.
- (4) Clearing of land.
- (5) Stockpiling of materials.
- (6) Open burning operations.
- (7) Not applicable.
- (8) Not applicable.
- (9) Sources and classes of sources other than those identified in paragraphs (1)-(8), for which the operator has obtained a determination from the Department that fugitive emissions from the source, after appropriate control, meet the following requirements:

- (i) the emissions are of minor significance with respect to causing air pollution; and
  - (ii) the emissions are not preventing or interfering with the attainment or maintenance of any ambient air quality standard.
- (b) Not applicable.
- (c) See work practice standards below.
- (d) Not applicable.

# 002 [25 Pa. Code §123.2]

**Fugitive particulate matter**

A person may not permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in §123.1(a)(1) -- (9) (relating to prohibition of certain fugitive emissions) if such emissions are visible at the point the emissions pass outside the person's property.

# 003 [25 Pa. Code §123.31]

**Limitations**

A person may not permit the emission into the outdoor atmosphere of any malodorous air contaminants from any source in such a manner that the malodors are detectable outside the property of the person on whose land the source is being operated.

# 004 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

As established in former Operating Permit 63-000-066, Condition #15, reductions in the allowable emission rates below the levels established herein shall not be available as Emission Reduction Credits (ERCs) pursuant to 25 Pa. Code §127.206 unless the reductions are achieved through real reductions in actual or allowable emissions, whichever is lower, and unless the reductions are achieved through the installation of controls beyond those required by RACT or any other subsequent regulatory requirement.

# 005 [25 Pa. Code §129.14]

**Open burning operations**

- (a) No person may permit the open burning of material in an air basin.
- (b) Not applicable.
- (c) Exceptions: The requirements of subsections (a) and (b) do not apply where the open burning operations result from:
- (1) A fire set to prevent or abate a fire hazard, when approved by the Department and set by or under the supervision of a public officer.
  - (2) A fire set for the purpose of instructing personnel in fire fighting, when approved by the Department.
  - (3) A fire set for the prevention and control of disease or pests, when approved by the Department.
  - (4) Not applicable.
  - (5) Not applicable.
  - (6) A fire set solely for recreational or ceremonial purposes.
  - (7) A fire set solely for cooking food.
- (d) Clearing and grubbing wastes. The following is applicable to clearing and grubbing wastes:
- (1) As used in this subsection the following terms shall have the following meanings:
- Air curtain destructor -- A mechanical device which forcefully projects a curtain of air across a pit in which open burning is

**SECTION C. Site Level Requirements**

being conducted so that combustion efficiency is increased and smoke and other particulate matter are contained. Clearing and grubbing wastes -- Trees, shrubs, and other native vegetation which are cleared from land during or prior to the process of construction. The term does not include demolition wastes and dirt laden roots.

(2) Subsection (a) notwithstanding, clearing and grubbing wastes may be burned in a basin subject to the following requirements:

(i) Air curtain destructors shall be used when burning clearing and grubbing wastes.

(ii) Each proposed use of air curtain destructors shall be reviewed and approved by the Department in writing with respect to equipment arrangement, design and existing environmental conditions prior to commencement of burning. Proposals approved under this subparagraph need not obtain plan approval or operating permits under Chapter 127 (relating to construction modification, reactivation and operation of sources).

(iii) Approval for use of an air curtain destructor at one site may be granted for a specified period not to exceed 3 months, but may be extended for additional limited periods upon further approval by the Department.

(iv) The Department reserves the right to rescind approval granted if a determination by the Department indicates that an air pollution problem exists.

(3) Not applicable.

(4) During an air pollution episode, open burning is limited by Chapter 137 (relating to air pollution episodes) and shall cease as specified in such chapter.

**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.**

# 006 [25 Pa. Code §127.511]

**Monitoring and related recordkeeping and reporting requirements.**

(a) The permittee shall conduct a survey of the facility on each business day during daylight hours (weather permitting) to ensure compliance with the fugitive emission and malodor restrictions in 25 Pa. Code §§ 123.1, 123.2, and 123.31.

(b) If any fugitive emissions or malodors that are in violation of 25 Pa. Code §§123.1, 123.2, or 123.31 are apparent, the permittee shall take immediate corrective action to eliminate them.

(c) At the end of 90 days, upon the permittee's request, the Department will determine the feasibility of decreasing the monitoring frequency to weekly for the next 90-day period. The frequency will not be decreased until the permittee receives the Department's written approval of the permittee's request.

(d) At the end of the second 90-day period, upon the permittee's request, the Department will determine the feasibility of decreasing the frequency of monitoring to monthly. The frequency will not be decreased until the permittee receives the Department's written approval of the permittee's request.

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

**IV. RECORDKEEPING REQUIREMENTS.**

# 007 [25 Pa. Code §127.511]

**Monitoring and related recordkeeping and reporting requirements.**

The permittee shall maintain a record of all malodor and fugitive emission surveys performed. The records shall include the date, time, name and title of the observer, adverse weather conditions, if applicable, whether fugitive emissions or malodors were observed and any corrective action. Records shall be kept for a minimum of five years and made available to the Department upon request.

# 008 [25 Pa. Code §127.511]

**Monitoring and related recordkeeping and reporting requirements.**

As established in former Operating Permit 63-000-066, Condition #6, the permittee shall maintain records in accordance with 25 Pa. Code §129.95. At a minimum, the following records shall be kept at the facility for each of the sources listed in Section A, Site Inventory List: monthly diesel consumption, monthly natural gas consumption, and material throughput. These records shall be maintained on file for not less than five years and shall be made available to the Department upon request.

**SECTION C. Site Level Requirements****V. REPORTING REQUIREMENTS.**

# 009 [25 Pa. Code §127.511]

**Monitoring and related recordkeeping and reporting requirements.**

(a) The permittee shall report each malfunction that may result in an emissions increase to the Department. For purposes of this condition a malfunction is defined as any sudden, infrequent, and not reasonably preventable failure of air pollution control or process equipment; or, operating in a non-permitted manner.

(b) When the malfunction poses an imminent and substantial danger to the public's health and safety, or potential harm to the environment, the permittee shall report the incident to the Department within one hour.

(1) The report shall describe the:

- (i) name and location of the facility;
- (ii) nature and cause of the malfunction;
- (iii) time when the malfunction was first observed;
- (iv) expected duration of excess emissions; and
- (v) estimated rate of emissions.

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

(c) Unless otherwise required by specific reporting requirements, any malfunction that is not subject to the notice requirements of paragraph (b) of this permit condition, shall be reported to the Department within 24 hours (or the next business day) by telephone, and within five days by mail of discovery. The report shall contain the same information required by subsection (b)(1).

(d) Malfunctions shall be reported to the Department at the following address:

PADEP  
Office of Air Quality  
400 Waterfront Drive  
Pittsburgh, PA 15222-4745  
(412)442-4000

# 010 [25 Pa. Code §127.511]

**Monitoring and related recordkeeping and reporting requirements.**

The semi-annual reports which are required in Condition #23 of Section B shall be submitted based on the time periods of January through June and July through December with reports due 30 days after the end of the semi-annual period.

# 011 [25 Pa. Code §135.21]

**Emission statements**

(a) Except as provided in subsection (d), this section applies to stationary sources or facilities:

- (1) Located in an area designated by the Clean Air Act as a marginal, moderate, serious, severe or extreme ozone nonattainment area and which emit oxides of nitrogen or VOC.
- (2) Not located in an area described in paragraph (1) and included in the Northeast Ozone Transport Region which emit or have the potential to emit 100 tons or more of oxides of nitrogen or 50 tons or more of VOC per year.

(b) The owner or operator of each stationary source emitting oxides of nitrogen or VOCs shall provide the Department with a statement, in a form as the Department may prescribe, for classes or categories of sources, showing the actual emissions of oxides of nitrogen and VOCs from that source for each reporting period, a description of the method used to calculate the emissions and the time period over which the calculation is based. The statement shall contain a certification by a company officer or the plant manager that the information contained in the statement is accurate.

(c) Annual emission statements are due by March 1 for the preceding calendar year beginning with March 1, 1993, for calendar year 1992 and shall provide data consistent with requirements and guidance developed by the EPA. The guidance document is available from: United States Environmental Protection Agency, 401 M Street, S.W., Washington, D.C. 20460. 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 act.

(d) Subsection (a) does not apply to a class or category of stationary sources which emits less than 25 tons per year of VOCs or oxides of nitrogen, if the Department in its submissions to the Administrator of the EPA under section 182(a)(1) or (3)(B)(ii) of the Clean Air Act (42 U.S.C.A. § 7511a(a)(1) or (3)(B)(ii)) provides an inventory of emissions from the class or category of sources based on the use of the emission factors established by the Administrator or other methods acceptable to the

**SECTION C. Site Level Requirements**

Administrator. The Department will publish in the Pennsylvania Bulletin a notice of the lists of classes or categories of sources which are exempt from the emission statement requirement under this subsection.

# 012 [25 Pa. Code §135.3]

**Reporting**

- (a) The permittee shall submit by March 1 of each year, a source report for the preceding calendar year. The report shall include information for all previously reported sources, new sources which were first operated during the proceeding calendar year and sources modified during the same period which were not previously reported.
- (b) A person who receives initial notification by the Department that a source report is necessary shall submit an initial source report within 60 days after receiving the notification or by March 1 of the year following the year for which the report is required, whichever is later.
- (c) A source owner or operator may request an extension of time from the Department for the filing of a source report, and the Department may grant the extension for reasonable cause.

**VI. WORK PRACTICE REQUIREMENTS.**

# 013 [25 Pa. Code §123.1]

**Prohibition of certain fugitive emissions**

A person responsible for any source specified in subsections 123.1(a)(1) -- (7) or (9) 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, water or suitable chemicals on dirt roads, material stockpiles and other surfaces which may give rise to airborne dusts.
- (3) Paving and maintenance of roadways.
- (4) Prompt removal of earth or other material from paved streets onto which earth or other material has been transported by trucking or earth moving equipment, erosion by water, or other means.

**VII. ADDITIONAL REQUIREMENTS.**

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

**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: 037

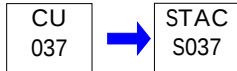
Source Name: BOILER 1

Source Capacity / Throughput:

60.500 MMBTU / HR

0.43 Th Gal / HR #2 Oil

60.00 MCF / HR Natural Gas



This source occurs in alternate operation:

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

# 001 [25 Pa. Code §123.11]

**Combustion units**

A person may not permit the emission into the outdoor atmosphere of particulate matter from Boiler 1 or Boiler 2 in excess of 0.36 pounds per million Btus of heat input.

# 002 [25 Pa. Code §123.22]

**Combustion units**

In accordance with 25 Pa. Code §123.22(d)(2), no person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO<sub>2</sub>, from Boiler 1 or Boiler 2 in excess of 0.96 pounds per million Btu of heat input.

# 003 [25 Pa. Code §123.41]

**Limitations**

Regardless of the fuel used, the permittee may not permit the emission into the outdoor atmosphere of visible air contaminants in such a manner that the opacity of the emission is either of the following:

- (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 opacity limitations shall not apply to a visible emission in any of the following instances:

- (1) When the presence of uncombined water is the only reason for failure of the emission to meet the limitations.
- (2) When the emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions.
- (3) When the emission results from sources specified in §123.1(a)(1) -- (9) (relating to prohibition of certain fugitive emissions).
- (4) Not applicable.

# 005 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

As established in former operating permit #63-000-066, Condition #8, emissions from each boiler shall be limited as follows:

(a) when natural gas-fired:

2.0 pounds of NO<sub>x</sub> (as NO<sub>2</sub>) in any given hour  
 8.7 tons of NO<sub>x</sub> (as NO<sub>2</sub>) in any consecutive 12-month period  
 4.24 pounds of CO in any given hour  
 18.6 tons of CO in any consecutive 12-month period.

(b) when oil-fired:

6.7 pounds of NO<sub>x</sub> (as NO<sub>2</sub>) in any given hour  
 29.4 tons of NO<sub>x</sub> (as NO<sub>2</sub>) in any consecutive 12-month period  
 4.8 pounds of CO in any given hour  
 21.2 tons of CO in any consecutive 12-month period.

# 006 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.43c]

**Subpart Dc - Standards of Performance for Small Industrial- Commercial-Institutional Steam Generating Units  
Standard for particulate matter.**

In accordance with 40 CFR §60.43c(c), when combusting oil, Boiler 1 and Boiler 2 shall not discharge into the atmosphere any

**SECTION D. Source Level Requirements**

gases that exhibit greater than 20 percent opacity (6-minute average), except for one 6-minute period per hour of not more than 27 percent opacity.

In accordance with 40 CFR §60.43c(d), this opacity standard applies at all times, except during periods of startup, shutdown, or malfunction.

**Fuel Restriction(s).**

# 007 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.42c]

**Subpart Dc - Standards of Performance for Small Industrial- Commercial-Institutional Steam Generating Units**  
**Standard for sulfur dioxide.**

In accordance with Operating Permit #63-000-066, Condition #7 and 40 CFR §60.42c(d), the permittee shall not cause to be discharged into the atmosphere any gases that contain SO<sub>2</sub> in excess of 0.50 lb / million Btu heat input; or, as an alternative, the permittee shall not combust oil that contains greater than 0.5 weight percent sulfur.

In accordance with 40 CFR §60.42c(i), the SO<sub>2</sub> emission limits and fuel oil sulfur limits under §60.42c(d) apply at all times, including periods of startup, shutdown, and malfunction.

**II. TESTING REQUIREMENTS.**

# 008 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

(a) A minimum of one (1) EPA method stack test in accordance with 25 Pa. Code Chapter 139 and the Department Source Testing Manual shall be performed on one of the two boilers during the five year operating permit term to verify the emission rates for NO<sub>x</sub> (as NO<sub>2</sub>), if the boilers combined operate over 750 hours annually. Testing shall be conducted while the source is operating at the maximum normal operating conditions.

(b) One of the two boilers shall be tested annually to verify the emission rate for NO<sub>x</sub> (as NO<sub>2</sub>) either through an EPA Method stack test or through the use of portable monitors if the boilers operate over 750 hours annually (combined). The test shall be conducted while the source is operating at normal operating conditions and with the fuel used for the majority of the time during the past 12 months.

(c) Because Boiler 1 and Boiler 2 are identical, testing requirements for the standby boiler (at the time of testing) shall be waived.

(d) For those tests utilizing portable analyzers, the permittee shall submit a complete operating procedure including calibration, QA / QC, and emission calculation methods to the Department at least 60 days prior to the stack test specified in paragraph (a) of this permit condition. The accuracy of the portable analyzer readings shall be verified by operation and recording of readings during the EPA method stack testing required in paragraph (a) of this permit condition. Results from the stack tests using portable analyzers shall be retained by the company at the test location and provided annually with the emission statements and at other times as requested by the Department.

(e) The permittee shall submit a pretest protocol for review at least 60 days prior to performance of stack testing.

(f) The permittee shall notify the Department at least two weeks prior to testing so that an observer may be present at the time of the test.

(g) The permittee shall submit two copies of the stack test results to the Department for review within 60 days of completion of testing.

**III. MONITORING REQUIREMENTS.**

# 009 [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.

**SECTION D. Source Level Requirements**

# 010 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

- (a) The permittee shall conduct a monthly survey of the boilers during daylight hours to ensure compliance with the visible emission restrictions for this source.
- (b) If the boilers switch to a different fuel, the permittee shall inspect the boilers for visible emissions within 24 hours of the switch to a different fuel.
- (c) If a boiler switches from reserve to active status, the permittee shall inspect the boilers for visible emissions within 24 hours of the switch to active status.
- (d) If any visible emissions are apparent, the permittee shall take immediate action to eliminate them.
- (e) If any visible emissions are apparent after the correction action, the permittee shall verify compliance with the opacity standards specified in the permit through methods prescribed in §123.43, such as Method 9 readings taken by a certified visible emissions reader, by the end of the business day following discovery.

# 011 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

- (a) The permittee shall verify compliance with the particulate mass emission rate in §123.11 and SO<sub>2</sub> limitations of §123.22(d) using engineering calculations along with one of the following:
  - (1) When natural gas-fired:
    - (A) Annual fuel sampling and analysis,
    - (B) Pipeline grade fuel supplied by a public utility shall not require fuel sampling and analysis.
  - (2) When fuel oil-fired:
    - (A) Fuel supplier certifications showing the name of the oil supplier; and
    - (B) A statement from the oil supplier that the oil complies with the specifications under the definition of distillate oil in 40 CFR §60.41c.
- (b) Data and information required to determine compliance with this section shall be maintained for five years.
- (c) Alternative methods for demonstration of compliance under subsection (a) must have prior written approval.

# 012 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.45c]

**Subpart Dc - Standards of Performance for Small Industrial- Commercial-Institutional Steam Generating Units Compliance and performance test methods and procedures for particulate matter.**

When combusting oil, Method 9 (6-minute average of 24 observations) shall be used for determining compliance with the opacity standard in 40 CFR §60.43c.

**IV. RECORDKEEPING REQUIREMENTS.**

# 013 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall keep records of all visible emission surveys performed. The records shall include the date, time, name and title of the observer, whether visible emissions were observed, any corrective action, and any Method 9 readings taken by a certified visible emissions reader.

# 014 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

Records shall be retained for at least five years and made available to the Department upon request.

# 015 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.48c]

**Subpart Dc - Standards of Performance for Small Industrial- Commercial-Institutional Steam Generating Units Reporting and recordkeeping requirements.**

If fuel supplier certification is used to demonstrate compliance with 40 CFR 60.43c, the permittee shall keep records of fuel supplier certification. Fuel supplier certification shall include the following information for distillate oil:

- (i) The name of the oil supplier; and
- (ii) A statement from the oil supplier that the oil complies with the specifications under the definition of distillate oil in 40 CFR §60.41c.

# 016 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.48c]

**Subpart Dc - Standards of Performance for Small Industrial- Commercial-Institutional Steam Generating Units Reporting and recordkeeping requirements.**

In accordance with 40 CFR §60.48c(g), the permittee shall record and maintain records of the amounts of each fuel combusted

**SECTION D. Source Level Requirements**

during each day.

**V. REPORTING REQUIREMENTS.**

# 017 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

As established in former Operating Permit 63-000-066, Condition #4, these boilers are subject to New Source Performance Standards (NSPS) for Industrial-Commercial -Institutional Steam Generating Units (40 CFR, Part 60, Subpart Dc). In accordance with 40 CFR 60.4, copies of all requests, reports, applications, submittals, and other required communications shall be forwarded to both the EPA and the Department at the addresses below, unless otherwise noted.

Director  
Air Toxics and Radiation  
US EPA, Region III  
1650 Arch Street  
Philadelphia, PA 19103-2029

PADEP  
Office of Air Quality  
400 Waterfront Drive  
Pittsburgh, PA 15222-4745

# 018 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

Results from the tests using portable analyzers shall be retained by the Owner / Operator at the test location and provided annually with the emission statements and at other times as requested by the Department. The conversion from ppm to pounds per hour shall be determined using the method found in the latest PA DEP approved testing protocol.

# 019 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.48c]

**Subpart Dc - Standards of Performance for Small Industrial- Commercial-Institutional Steam Generating Units Reporting and recordkeeping requirements.**

In accordance with 40 CFR §60.48c(e)(11), the permittee shall submit reports of records of fuel supplier certifications and the report shall include a certified statement signed by the owner or operator of the affected facility that the records of fuel supplier certifications submitted represent all of the fuel combusted during the reporting period.

In accordance with 40 CFR §60.48c(j), the reporting period for the reports required under 40 CFR Part 60 Subpart Dc is each six-month period. All reports shall be submitted to the EPA and the Department and shall be postmarked by the 30th day following the end of the reporting period.

**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.**

# 020 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

If the permittee does not use fuel supplier certification to demonstrate compliance with the sulfur dioxide requirements under 40 CFR §60.42c, then the permittee is subject to additional applicable requirements under 40 CFR Subpart Dc, including, but not limited to, monitoring requirements under §60.46c and reporting and recordkeeping requirements under §60.48c.

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

**SECTION D. Source Level Requirements**

Source ID: 038

Source Name: BOILER 2

Source Capacity / Throughput:

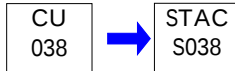
60.500 MMBTU / HR

0.43 Th Gal / HR

#2 Oil

60.00 MCF / HR

Natural Gas



This source occurs in alternate operation:

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

# 001 [25 Pa. Code §123.11]

**Combustion units**

A person may not permit the emission into the outdoor atmosphere of particulate matter from Boiler 1 or Boiler 2 in excess of 0.36 pounds per million Btus of heat input.

# 002 [25 Pa. Code §123.22]

**Combustion units**

In accordance with 25 Pa. Code §123.22(d)(2), no person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO<sub>2</sub>, from Boiler 1 or Boiler 2 in excess of 0.96 pounds per million Btu of heat input.

# 003 [25 Pa. Code §123.41]

**Limitations**

Regardless of the fuel used, the permittee may not permit the emission into the outdoor atmosphere of visible air contaminants in such a manner that the opacity of the emission is either of the following:

- (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 opacity limitations shall not apply to a visible emission in any of the following instances:

- (1) When the presence of uncombined water is the only reason for failure of the emission to meet the limitations.
- (2) When the emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions.
- (3) When the emission results from sources specified in §123.1(a)(1) -- (9) (relating to prohibition of certain fugitive emissions).
- (4) Not applicable.

# 005 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

As established in former operating permit #63-000-066, Condition #8, emissions from each boiler shall be limited as follows:

(a) when natural gas-fired:

2.0 pounds of NO<sub>x</sub> (as NO<sub>2</sub>) in any given hour  
 8.7 tons of NO<sub>x</sub> (as NO<sub>2</sub>) in any consecutive 12-month period  
 4.24 pounds of CO in any given hour  
 18.6 tons of CO in any consecutive 12-month period.

(b) when oil-fired:

6.7 pounds of NO<sub>x</sub> (as NO<sub>2</sub>) in any given hour  
 29.4 tons of NO<sub>x</sub> (as NO<sub>2</sub>) in any consecutive 12-month period  
 4.8 pounds of CO in any given hour  
 21.2 tons of CO in any consecutive 12-month period.

# 006 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.43c]

**Subpart Dc - Standards of Performance for Small Industrial- Commercial-Institutional Steam Generating Units  
Standard for particulate matter.**

In accordance with 40 CFR §60.43c(c), when combusting oil, Boiler 1 and Boiler 2 shall not discharge into the atmosphere any

**SECTION D. Source Level Requirements**

gases that exhibit greater than 20 percent opacity (6-minute average), except for one 6-minute period per hour of not more than 27 percent opacity.

In accordance with 40 CFR §60.43c(d), this opacity standard applies at all times, except during periods of startup, shutdown, or malfunction.

**Fuel Restriction(s).**

# 007 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.42c]

**Subpart Dc - Standards of Performance for Small Industrial- Commercial-Institutional Steam Generating Units**  
**Standard for sulfur dioxide.**

In accordance with Operating Permit #63-000-066, Condition #7 and 40 CFR §60.42c(d), the permittee shall not cause to be discharged into the atmosphere any gases that contain SO<sub>2</sub> in excess of 0.50 lb / million Btu heat input; or, as an alternative, the permittee shall not combust oil that contains greater than 0.5 weight percent sulfur.

In accordance with 40 CFR §60.42c(i), the SO<sub>2</sub> emission limits and fuel oil sulfur limits under §60.42c(d) apply at all times, including periods of startup, shutdown, and malfunction.

**II. TESTING REQUIREMENTS.**

# 008 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

(a) A minimum of one (1) EPA method stack test in accordance with 25 Pa. Code Chapter 139 and the Department Source Testing Manual shall be performed on one of the two boilers during the five year operating permit term to verify the emission rates for NO<sub>x</sub> (as NO<sub>2</sub>), if the boilers combined operate over 750 hours annually. Testing shall be conducted while the source is operating at the maximum normal operating conditions.

(b) One of the two boilers shall be tested annually to verify the emission rate for NO<sub>x</sub> (as NO<sub>2</sub>) either through an EPA Method stack test or through the use of portable monitors if the boilers operate over 750 hours annually (combined). The test shall be conducted while the source is operating at normal operating conditions and with the fuel used for the majority of the time during the past 12 months.

(c) Because Boiler 1 and Boiler 2 are identical, testing requirements for the standby boiler (at the time of testing) shall be waived.

(d) For those tests utilizing portable analyzers, the permittee shall submit a complete operating procedure including calibration, QA / QC, and emission calculation methods to the Department at least 60 days prior to the stack test specified in paragraph (a) of this permit condition. The accuracy of the portable analyzer readings shall be verified by operation and recording of readings during the EPA method stack testing required in paragraph (a) of this permit condition. Results from the stack tests using portable analyzers shall be retained by the company at the test location and provided annually with the emission statements and at other times as requested by the Department.

(e) The permittee shall submit a pretest protocol for review at least 60 days prior to performance of stack testing.

(f) The permittee shall notify the Department at least two weeks prior to testing so that an observer may be present at the time of the test.

(g) The permittee shall submit two copies of the stack test results to the Department for review within 60 days of completion of testing.

**III. MONITORING REQUIREMENTS.**

# 009 [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.

**SECTION D. Source Level Requirements**

# 010 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

- (a) The permittee shall conduct a monthly survey of the boilers during daylight hours to ensure compliance with the visible emission restrictions for this source.
- (b) If the boilers switch to a different fuel, the permittee shall inspect the boilers for visible emissions within 24 hours of the switch to a different fuel.
- (c) If a boiler switches from reserve to active status, the permittee shall inspect the boilers for visible emissions within 24 hours of the switch to active status.
- (d) If any visible emissions are apparent, the permittee shall take immediate action to eliminate them.
- (e) If any visible emissions are apparent after the correction action, the permittee shall verify compliance with the opacity standards specified in the permit through methods prescribed in §123.43, such as Method 9 readings taken by a certified visible emissions reader, by the end of the business day following discovery.

# 011 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

- (a) The permittee shall verify compliance with the particulate mass emission rate in §123.11 and SO<sub>2</sub> limitations of §123.22(d) using engineering calculations along with one of the following:
  - (1) When natural gas-fired:
    - (A) Annual fuel sampling and analysis,
    - (B) Pipeline grade fuel supplied by a public utility shall not require fuel sampling and analysis.
  - (2) When fuel oil-fired:
    - (A) Fuel supplier certifications showing the name of the oil supplier; and
    - (B) A statement from the oil supplier that the oil complies with the specifications under the definition of distillate oil in 40 CFR §60.41c.
- (b) Data and information required to determine compliance with this section shall be maintained for five years.
- (c) Alternative methods for demonstration of compliance under subsection (a) must have prior written approval.

# 012 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.45c]

**Subpart Dc - Standards of Performance for Small Industrial- Commercial-Institutional Steam Generating Units Compliance and performance test methods and procedures for particulate matter.**

When combusting oil, Method 9 (6-minute average of 24 observations) shall be used for determining compliance with the opacity standard in 40 CFR §60.43c.

**IV. RECORDKEEPING REQUIREMENTS.**

# 013 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall keep records of all visible emission surveys performed. The records shall include the date, time, name and title of the observer, whether visible emissions were observed, any corrective action, and any Method 9 readings taken by a certified visible emissions reader.

# 014 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

Records shall be retained for at least five years and made available to the Department upon request.

# 015 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.48c]

**Subpart Dc - Standards of Performance for Small Industrial- Commercial-Institutional Steam Generating Units Reporting and recordkeeping requirements.**

If fuel supplier certification is used to demonstrate compliance with 40 CFR 60.43c, the permittee shall keep records of fuel supplier certification. Fuel supplier certification shall include the following information for distillate oil:

- (i) The name of the oil supplier; and
- (ii) A statement from the oil supplier that the oil complies with the specifications under the definition of distillate oil in 40 CFR §60.41c.

# 016 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.48c]

**Subpart Dc - Standards of Performance for Small Industrial- Commercial-Institutional Steam Generating Units Reporting and recordkeeping requirements.**

In accordance with 40 CFR §60.48c(g), the permittee shall record and maintain records of the amounts of each fuel combusted

**SECTION D. Source Level Requirements**

during each day.

**V. REPORTING REQUIREMENTS.**

# 017 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

As established in former Operating Permit 63-000-066, Condition #4, these boilers are subject to New Source Performance Standards (NSPS) for Industrial-Commercial -Institutional Steam Generating Units (40 CFR, Part 60, Subpart Dc). In accordance with 40 CFR 60.4, copies of all requests, reports, applications, submittals, and other required communications shall be forwarded to both the EPA and the Department at the addresses below, unless otherwise noted.

Director  
Air Toxics and Radiation  
US EPA, Region III  
1650 Arch Street  
Philadelphia, PA 19103-2029

PADEP  
Office of Air Quality  
400 Waterfront Drive  
Pittsburgh, PA 15222-4745

# 018 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

Results from the tests using portable analyzers shall be retained by the Owner / Operator at the test location and provided annually with the emission statements and at other times as requested by the Department. The conversion from ppm to pounds per hour shall be determined using the method found in the latest PA DEP approved testing protocol.

# 019 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.48c]

**Subpart Dc - Standards of Performance for Small Industrial- Commercial-Institutional Steam Generating Units Reporting and recordkeeping requirements.**

In accordance with 40 CFR §60.48c(e)(11), the permittee shall submit reports of records of fuel supplier certifications and the report shall include a certified statement signed by the owner or operator of the affected facility that the records of fuel supplier certifications submitted represent all of the fuel combusted during the reporting period.

In accordance with 40 CFR §60.48c(j), the reporting period for the reports required under 40 CFR Part 60 Subpart Dc is each six-month period. All reports shall be submitted to the EPA and the Department and shall be postmarked by the 30th day following the end of the reporting period.

**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.**

# 020 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

If the permittee does not use fuel supplier certification to demonstrate compliance with the sulfur dioxide requirements under 40 CFR §60.42c, then the permittee is subject to additional applicable requirements under 40 CFR Subpart Dc, including, but not limited to, monitoring requirements under §60.46c and reporting and recordkeeping requirements under §60.48c.

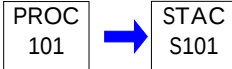
\*\*\* Permit Shield in Effect. \*\*\*

**SECTION D. Source Level Requirements**

Source ID: 101

Source Name: PUMP HOUSE EMERGENCY PUMP

Source Capacity / Throughput:

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

# 001 [25 Pa. Code §123.13]

**Processes**

In accordance with 25 Pa. Code §123.13(c)(1)(i), the permittee may not permit the emission into the outdoor atmosphere of particulate matter from this source in a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grain per dry standard cubic foot.

# 002 [25 Pa. Code §123.21]

**General**

No person may permit the emission into the outdoor atmosphere of sulfur oxides from a source in a manner that the concentration of the sulfur oxides, expressed as SO<sub>2</sub>, in the effluent gas exceeds 500 parts per million, by volume, dry basis.

# 003 [25 Pa. Code §123.41]

**Limitations**

A person may not permit the emission into the outdoor atmosphere of visible air contaminants in such a manner that the opacity of the emission is either of the following:

- (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 opacity limitations shall not apply to a visible emission in any of the following instances:

- (1) When the presence of uncombined water is the only reason for failure of the emission to meet the limitations.
- (2) When the emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions.
- (3) When the emission results from sources specified in §123.1(a)(1) -- (9) (relating to prohibition of certain fugitive emissions).
- (4) Not applicable.

**Operation Hours Restriction(s).**

# 005 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

Operation of the pump house emergency backup diesel pump shall be limited to 500 hours in any consecutive 12-month period.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

# 006 [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.

**SECTION D. Source Level Requirements**

# 007 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

- (a) If this source operates for more than 24 consecutive hours, the permittee shall conduct a survey of the source during daylight hours to ensure compliance with the visible emission restrictions for this source.
- (b) If any visible emissions are apparent, the permittee shall take immediate action to eliminate them.
- (c) If any visible emissions are apparent after the correction action, the permittee shall verify compliance with the opacity standards specified in the permit through methods prescribed in §123.43, such as Method 9 readings taken by a certified visible emissions reader, by the end of the next business day following discovery.

**IV. RECORDKEEPING REQUIREMENTS.**

# 008 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall keep records of all visible emission surveys performed. The records shall include the date, time, name and title of the observer, whether visible emissions were observed, any corrective action, and any Method 9 readings taken by a certified visible emissions reader. Records shall be kept for a minimum of five years and made available to the Department upon request.

Compliance with this condition, the visible emission restrictions in §123.41, and the visual emission inspection condition in the monitoring requirements for this source will be considered demonstration of compliance with the particulate matter emission requirement in §123.13.

# 009 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall maintain monthly records and 12-month rolling sums of diesel consumption and hours of operation.

# 010 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall demonstrate compliance with the sulfur oxide emission restriction in §123.21 by maintaining records showing the diesel fuel used in the engine has a sulfur content of 0.5% (by weight) or less.

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.**

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

**VII. ADDITIONAL REQUIREMENTS.**

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

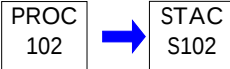
\*\*\* Permit Shield in Effect. \*\*\*

**SECTION D. Source Level Requirements**

Source ID: 102

Source Name: &gt;10 MMBTU BATCH ANNEAL FURN (2)

Source Capacity / Throughput:

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

# 001 [25 Pa. Code §123.13]

**Processes**

In accordance with 25 Pa. Code §123.13(c)(1)(i), the permittee may not permit the emission into the outdoor atmosphere of particulate matter from this source in a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grain per dry standard cubic foot.

# 002 [25 Pa. Code §123.21]

**General**

No person may permit the emission into the outdoor atmosphere of sulfur oxides from a source in a manner that the concentration of the sulfur oxides, expressed as SO<sub>2</sub>, in the effluent gas exceeds 500 parts per million, by volume, dry basis.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

# 003 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall verify compliance with the particulate mass emission rate in §123.11 and SO<sub>2</sub> limitations of §123.21 by using engineering calculations along with one of the following:

- (a) Annual fuel sampling and analysis
- (b) Pipeline grade fuel supplied by a public utility shall not require fuel sampling and analysis.

**IV. RECORDKEEPING REQUIREMENTS.**

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

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.**

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

**VII. ADDITIONAL REQUIREMENTS.**

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

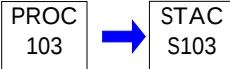
**\*\*\* Permit Shield in Effect. \*\*\***

**SECTION D. Source Level Requirements**

Source ID: 103

Source Name: &lt;10 MMBTU BATCH ANNEAL FURN (33)

Source Capacity / Throughput:

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

# 001 [25 Pa. Code §123.13]

**Processes**

In accordance with 25 Pa. Code §123.13(c)(1)(i), the permittee may not permit the emission into the outdoor atmosphere of particulate matter from this source in a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grain per dry standard cubic foot.

# 002 [25 Pa. Code §123.21]

**General**

No person may permit the emission into the outdoor atmosphere of sulfur oxides from a source in a manner that the concentration of the sulfur oxides, expressed as SO<sub>2</sub>, in the effluent gas exceeds 500 parts per million, by volume, dry basis.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

# 003 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall verify compliance with the particulate mass emission rate in §123.11 and SO<sub>2</sub> limitations of §123.21 by using engineering calculations along with one of the following:

- (a) Annual fuel sampling and analysis
- (b) Pipeline grade fuel supplied by a public utility shall not require fuel sampling and analysis.

**IV. RECORDKEEPING REQUIREMENTS.**

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

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.**

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

**VII. ADDITIONAL REQUIREMENTS.**

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

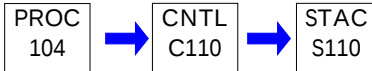
**\*\*\* Permit Shield in Effect. \*\*\***

**SECTION D. Source Level Requirements**

Source ID: 104

Source Name: HCL ACID TANKS (3)

Source Capacity / Throughput:

**I. RESTRICTIONS.**

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

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

# 001 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.1162]

Subpart CCC -- National Emission Standards for Hazardous Air Pollutants for Steel Pickling-HCl Process Facilities and Hydrochloric Acid Regeneration Plants  
Monitoring requirements.

(a) See Source 110.

(b) Not applicable.

(c) The owner or operator of an affected hydrochloric acid storage vessel shall inspect each vessel semiannually to determine that the closed-vent system and either the air pollution control device or the enclosed loading and unloading line, whichever is applicable, are installed and operating when required.

**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.**

# 002 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.1159]

Subpart CCC -- National Emission Standards for Hazardous Air Pollutants for Steel Pickling-HCl Process Facilities and Hydrochloric Acid Regeneration Plants  
Operational and equipment standards for existing, new, or reconstructed sources.

(a) Not applicable.

(b) The owner or operator of an affected vessel shall provide and operate, except during loading and unloading of acid, a closed-vent system for each hydrochloric acid storage vessels. Loading and unloading shall be conducted either through enclosed lines or each point where the acid is exposed to the atmosphere shall be equipped with a local fume capture system, ventilated through an air pollution control device.

**VII. ADDITIONAL REQUIREMENTS.**

# 003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

These tanks are required to vent to the HCl Scrubber, C110. The scrubber must comply with all the applicable requirements from the 40 CFR Part 63, Subpart CCC and all conditions related to emissions from the scrubber listed under Source 110 in this

**SECTION D. Source Level Requirements**

permit.

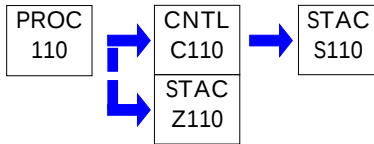
\*\*\* Permit Shield in Effect. \*\*\*

## SECTION D. Source Level Requirements

Source ID: 110

Source Name: CONTINUOUS STRIP PICKLER

Source Capacity / Throughput:



### I. RESTRICTIONS.

#### Emission Restriction(s).

# 001 [25 Pa. Code §123.1]

#### Prohibition of certain fugitive emissions

In accordance with 25 Pa. Code §123.1(a)(9), the Department has determined that fugitive emissions from the pickling line, after appropriate control, meet the following requirements:

- The emissions are of minor significance with respect to causing air pollution.
- The emissions are not preventing or interfering with the attainment or maintenance of an ambient air quality standard.

# 002 [25 Pa. Code §123.13]

#### Processes

In accordance with 25 Pa. Code §123.13(c)(1)(i), the permittee may not permit the emission into the outdoor atmosphere of particulate matter from this source in a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grain per dry standard cubic foot.

# 003 [25 Pa. Code §123.41]

#### Limitations

A person may not permit the emission into the outdoor atmosphere of visible air contaminants in such a manner that the opacity of the emission is either of the following:

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

# 004 [25 Pa. Code §123.42]

#### Exceptions

The opacity limitations shall not apply to a visible emission in any of the following instances:

- When the presence of uncombined water is the only reason for failure of the emission to meet the limitations.
- When the emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions.
- When the emission results from sources specified in §123.1(a)(1) -- (9) (relating to prohibition of certain fugitive emissions).
- Not applicable.

# 005 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.1157]

#### Subpart CCC -- National Emission Standards for Hazardous Air Pollutants for Steel Pickling-HCl Process Facilities and Hydrochloric Acid Regeneration Plants

#### Emission standards for existing sources.

In accordance with 40 CFR §63.1157(a), the permittee shall not cause or allow to be discharged into the atmosphere from the affected pickling line:

- Any gases that contain HCl in a concentration in excess of 18 parts per million by volume (ppmv); or
- HCl at a mass emission rate that corresponds to a collection efficiency of less than 97 percent.

### II. TESTING REQUIREMENTS.

# 006 [25 Pa. Code §127.441]

#### Operating permit terms and conditions.

The permittee shall:

- submit a pretest protocol for review at least 60 days prior to performance of stack tests;
- notify the Department at least two weeks prior to stack tests so an observer may be present at the time of the tests;
- submit two copies of the stack test report to the Department within 60 days of testing.

## SECTION D. Source Level Requirements

# 007 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.1161]

Subpart CCC -- National Emission Standards for Hazardous Air Pollutants for Steel Pickling-HCl Process Facilities and Hydrochloric Acid Regeneration Plants

Performance testing and test methods.

(a)(1) Following approval of the site-specific test plan, the owner or operator shall conduct a performance test for each process or control device to either measure simultaneously the mass flows of HCl at the inlet and the outlet of the control device (to determine compliance with the applicable collection efficiency standard) or measure the concentration of HCl (and Cl<sub>2</sub> for hydrochloric acid regeneration plants) in gases exiting the process or the emission control device (to determine compliance with the applicable emission concentration standard).

(2) Compliance with the applicable concentration standard or collection efficiency standard shall be determined by the average of three consecutive runs or by the average of any three of four consecutive runs. Each run shall be conducted under conditions representative of normal process operations.

(3) Compliance is achieved if either the average collection efficiency as determined by the HCl mass flows at the control device inlet and outlet is greater than or equal to the applicable collection efficiency standard, or the average measured concentration of HCl or Cl<sub>2</sub> exiting the process or the emission control device is less than or equal to the applicable emission concentration standard.

(b) Establishment of scrubber operating parameters. During the performance test for each emission control device, the owner or operator using a wet scrubber to achieve compliance shall establish site-specific operating parameter values for the minimum scrubber makeup water flow rate and, for scrubbers that operate with recirculation, the minimum recirculation water flow rate. During the emission test, each operating parameter must be monitored continuously and recorded with sufficient frequency to establish a representative average value for that parameter, but no less frequently than once every 15 minutes. The owner or operator shall determine the operating parameter monitoring values as the averages of the values recorded during any of the runs for which results are used to establish the emission concentration or collection efficiency per paragraph (a)(2) of this section. An owner or operator may conduct multiple performance tests to establish alternative compliant operating parameter values. Also, an owner or operator may reestablish compliant operating parameter values as part of any performance test that is conducted subsequent to the initial test or tests.

(c) Not applicable.

(d) Test methods. (1) The following test methods in appendix A of 40 CFR part 60 shall be used to determine compliance under §63.1157(a), §63.1157(b), §63.1158(a), and §63.1158(b) of this subpart:

(i) Method 1, to determine the number and location of sampling points, with the exception that no traverse point shall be within one inch of the stack or duct wall;

(ii) Method 2, to determine gas velocity and volumetric flow rate;

(iii) Method 3, to determine the molecular weight of the stack gas;

(iv) Method 4, to determine the moisture content of the stack gas; and

(v) Method 26A, "Determination of Hydrogen Halide and Halogen Emissions from Stationary Sources-Isokinetic Method," to determine the HCl mass flows at the inlet and outlet of a control device or the concentration of HCl discharged to the atmosphere, and also to determine the concentration of Cl<sub>2</sub> discharged to the atmosphere from acid regeneration plants. If compliance with a collection efficiency standard is being demonstrated, inlet and outlet measurements shall be performed simultaneously. The minimum sampling time for each run shall be 60 minutes and the minimum sample volume 0.85 dry standard cubic meters (30 dry standard cubic feet). The concentrations of HCl and Cl<sub>2</sub> shall be calculated for each run as follows:

$CHCl(ppmv) = 0.659 CHCl(mg / dscm),$

and  $CCl_2(ppmv) = 0.339 CCl_2(mg / dscm),$

where C(ppmv) is concentration in ppmv and C(mg / dscm) is concentration in milligrams per dry standard cubic meter as

**SECTION D. Source Level Requirements**

calculated by the procedure given in Method 26A.

(2) The owner or operator may use equivalent alternative measurement methods approved by the Administrator.

# 008 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.1162]

[Subpart CCC -- National Emission Standards for Hazardous Air Pollutants for Steel Pickling-HCl Process Facilities and Hydrochloric Acid Regeneration Plants](#)  
[Monitoring requirements.](#)

(a) The permittee shall:

(1) Conduct performance tests to measure the HCl mass flows at the control device inlet and outlet or the concentration of HCl exiting the control device according to the procedures described in §63.1161 of this subpart. Performance tests shall be conducted either annually or according to an alternative schedule that is approved by the applicable permitting authority, but no less frequently than every 2 1/2 years or twice per title V permit term. If any performance test shows that the HCl emission limitation is being exceeded, then the owner or operator is in violation of the emission limit.

(b) If an alternate schedule is approved by the EPA the permittee shall notify the Department.

# 009 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.1163]

[Subpart CCC -- National Emission Standards for Hazardous Air Pollutants for Steel Pickling-HCl Process Facilities and Hydrochloric Acid Regeneration Plants](#)  
[Notification requirements.](#)

As required by 40 CFR §63.1163(d) and §63.9(e), the permittee shall notify the Administrator in writing of his or her intention to conduct a performance test at least 60 calendar days before the performance test is scheduled to begin, to allow the Administrator to review and approve the site-specific test plan required under §63.7(c) of subpart A of this part and, if requested by the Administrator, to have an observer present during the test.

**III. MONITORING REQUIREMENTS.**

# 010 [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.

# 011 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

(a) The permittee shall conduct a monthly survey of the source during daylight hours to ensure compliance with the visible emission restrictions for this source.

(b) If any visible emissions are apparent, the permittee shall take immediate action to eliminate them.

(c) If any visible emissions are apparent after the correction action, the permittee shall verify compliance with the opacity standards specified in the permit through methods prescribed in §123.43, such as Method 9 readings taken by a certified visible emissions reader, by the end of the next business day following discovery.

# 012 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.1162]

[Subpart CCC -- National Emission Standards for Hazardous Air Pollutants for Steel Pickling-HCl Process Facilities and Hydrochloric Acid Regeneration Plants](#)  
[Monitoring requirements.](#)

(a) The permittee shall:

(1) See testing requirements.

(2) In addition to conducting performance tests, if a wet scrubber is used as the emission control device, install, operate, and maintain systems for the measurement and recording of the scrubber makeup water flow rate and, if required, recirculation water flow rate. These flow rates must be monitored continuously and recorded at least once per shift while the scrubber is operating. Operation of the wet scrubber with excursions of scrubber makeup water flow rate and recirculation water flow rate less than the minimum values established during the performance test or tests will require initiation of corrective action as specified by the maintenance requirements in §63.1160(b)(2) of this subpart.

**SECTION D. Source Level Requirements**

(3) Not applicable.

(4) Failure to record each of the operating parameters listed in paragraph (a)(2) of this section is a violation of the monitoring requirements of this subpart.

(5) Each monitoring device shall be certified by the manufacturer to be accurate to within 5 percent and shall be calibrated in accordance with the manufacturer's instructions but not less frequently than once per year.

(6) The owner or operator may develop and implement alternative monitoring requirements subject to approval by the Administrator.

(b) Not applicable.

(c) Applicable to storage vessels, but not applicable to the pickling line.

**IV. RECORDKEEPING REQUIREMENTS.**

# 013 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall keep records of all visible emission surveys performed. The records shall include the date, time, name and title of the observer, whether visible emissions were observed, any corrective action, and any Method 9 readings taken by a certified visible emissions reader. Records shall be kept for a minimum of five years and made available to the Department upon request.

Compliance with this condition, the visible emission restrictions in §123.41, and the visual emission inspection condition in the monitoring requirements for this source will be considered demonstration of compliance with the particulate matter emission requirement in §123.13.

# 014 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall maintain a log documenting compliance with required quarterly inspections of the scrubber and any follow-up repairs. The log shall be maintained on site for a minimum of five years and shall be made available to the Department upon request.

# 015 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.1165]

**Subpart CCC -- National Emission Standards for Hazardous Air Pollutants for Steel Pickling-HCl Process Facilities and Hydrochloric Acid Regeneration Plants**  
**Recordkeeping requirements.**

a) General recordkeeping requirements. As required by §63.10(b)(2) of subpart A of this part, the owner or operator shall maintain records for 5 years from the date of each record of:

(1) The occurrence and duration of each startup, shutdown, or malfunction of operation (i.e., process equipment);

(2) The occurrence and duration of each malfunction of the air pollution control equipment;

(3) All maintenance performed on the air pollution control equipment;

(4) Actions taken during periods of startup, shutdown, and malfunction and the dates of such actions (including corrective actions to restore malfunctioning process and air pollution control equipment to its normal or usual manner of operation) when these actions are different from the procedures specified in the startup, shutdown, and malfunction plan;

(5) All information necessary to demonstrate conformance with the startup, shutdown, and malfunction plan when all actions taken during periods of startup, shutdown, and malfunction (including corrective actions to restore malfunctioning process and air pollution control equipment to its normal or usual manner of operation) are consistent with the procedures specified in such plan. This information can be recorded in a checklist or similar form (see §63.10(b)(2)(v) of subpart A of this part);

(6) All required measurements needed to demonstrate compliance with the standard and to support data that the source is required to report, including, but not limited to, performance test measurements (including initial and any subsequent

**SECTION D. Source Level Requirements**

- performance tests) and measurements as may be necessary to determine the conditions of the initial test or subsequent tests;
- (7) All results of initial or subsequent performance tests;
- (8) Not applicable;
- (9) Not applicable;
- (10) All documentation supporting initial notifications and notifications of compliance status required by §63.9 of subpart A of this part; and
- (11) Records of any applicability determination, including supporting analyses.
- (b) Subpart CCC records. (1) In addition to the general records required by paragraph (a) of this section, the owner or operator shall maintain records for 5 years from the date of each record of:
- (i) Scrubber makeup water flow rate and recirculation water flow rate if a wet scrubber is used;
- (ii) Calibration and manufacturer certification that monitoring devices are accurate to within 5 percent; and
- (iii) Each maintenance inspection and repair, replacement, or other corrective action.
- (2) Not applicable.
- (3) The owner or operator shall keep the written operation and maintenance plan on record after it is developed to be made available for inspection, upon request, by the Administrator for the life of the affected source or until the source is no longer subject to the provisions of this subpart. In addition, if the operation and maintenance plan is revised, the owner or operator shall keep previous (i.e., superseded) versions of the plan on record to be made available for inspection by the Administrator for a period of 5 years after each revision to the plan.
- (c) Recent records. General records and subpart CCC records for the most recent 2 years of operation must be maintained on site. Records for the previous 3 years may be maintained off site.

**V. REPORTING REQUIREMENTS.**

# 016 [25 Pa. Code §127.441]  
[Operating permit terms and conditions.](#)

This source is subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP) for Steel Pickling-HCl Process Facilities and Hydrochloric Acid Regeneration Plants (40 CFR, Part 63, Subpart CCC). In accordance with 40 CFR §63.13, copies of all requests, reports, applications, submittals, and other communications to the Administrator pursuant to this part shall be submitted to the appropriate Regional Office of the U.S. Environmental Protection Agency and the Department at the addresses below unless otherwise noted.

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

PADEP  
Office of Air Quality  
400 Waterfront Drive  
Pittsburgh, PA 15222

# 017 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.1164]  
[Subpart CCC -- National Emission Standards for Hazardous Air Pollutants for Steel Pickling-HCl Process Facilities and Hydrochloric Acid Regeneration Plants](#)  
[Reporting requirements.](#)

**SECTION D. Source Level Requirements**

- (a) Reporting results of performance tests. As required by 40 CFR §63.10(d)(2), the permittee shall report the results of any performance test as part of the notification of compliance status required in §63.1163 of this subpart.
- (b) Not applicable.
- (c) Periodic startup, shutdown, and malfunction reports. Section 63.6(e) of subpart A of this part requires the owner or operator of an affected source to operate and maintain each affected emission source, including associated air pollution control equipment, in a manner consistent with good air pollution control practices for minimizing emissions at least to the level required by the standard at all times, including during any period of startup, shutdown, or malfunction. Malfunctions must be corrected as soon as practicable after their occurrence in accordance with the startup, shutdown, and malfunction plan.
- (1) Plan. As required by §63.6(e)(3) of subpart A of this part, the owner or operator shall develop and implement a written startup, shutdown, and malfunction plan that describes, in detail, procedures for operating and maintaining the source during periods of startup, shutdown, or malfunction, and a program of corrective action for malfunctioning process and air pollution control equipment used to comply with the relevant standard.
- (2) Reports. As required by §63.10(d)(5)(i) of subpart A of this part, if actions taken by an owner or operator during a startup, shutdown, or malfunction of an affected source (including actions taken to correct a malfunction) are consistent with the procedures specified in the startup, shutdown, and malfunction plan, the owner or operator shall state such information in a semiannual report. The report, to be certified by the owner or operator or other responsible official, shall be submitted semiannually and delivered or postmarked by the 30th day following the end of each calendar half; and
- (3) Immediate Reports. Any time an action taken by an owner or operator during a startup, shutdown, or malfunction (including actions taken to correct a malfunction) is not consistent with the procedures in the startup, shutdown, and malfunction plan, the owner or operator shall comply with all requirements of §63.10(d)(5)(ii) of subpart A of this part.

**VI. WORK PRACTICE REQUIREMENTS.**

- # 018 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.1160]  
**Subpart CCC -- National Emission Standards for Hazardous Air Pollutants for Steel Pickling-HCl Process Facilities and Hydrochloric Acid Regeneration Plants**  
**Compliance dates and maintenance requirements.**
- (a) Not applicable.
- (b)(1) The owner or operator of an affected source shall comply with the operation and maintenance requirements prescribed under §63.6(e) of subpart A of this part.
- (2) In addition to the requirements specified in paragraph (b)(1) of this section, the owner or operator shall prepare an operation and maintenance plan for each emission control device to be implemented no later than the compliance date. The plan shall be incorporated by reference into the source's title V permit. All such plans must be consistent with good maintenance practices and, for a scrubber emission control device, must at a minimum:
- (i) Require monitoring and recording the pressure drop across the scrubber once per shift while the scrubber is operating in order to identify changes that may indicate a need for maintenance;
- (ii) Require the manufacturer's recommended maintenance at the recommended intervals on fresh solvent pumps, recirculating pumps, discharge pumps, and other liquid pumps, in addition to exhaust system and scrubber fans and motors associated with those pumps and fans;
- (iii) Require cleaning of the scrubber internals and mist eliminators at intervals sufficient to prevent buildup of solids or other fouling;
- (iv) Require an inspection of each scrubber at intervals of no less than 3 months with:
- (A) Cleaning or replacement of any plugged spray nozzles or other liquid delivery devices;
- (B) Repair or replacement of missing, misaligned, or damaged baffles, trays, or other internal components;
- (C) Repair or replacement of droplet eliminator elements as needed;

**SECTION D. Source Level Requirements**

(D) Repair or replacement of heat exchanger elements used to control the temperature of fluids entering or leaving the scrubber; and

(E) Adjustment of damper settings for consistency with the required air flow.

(v) If the scrubber is not equipped with a viewport or access hatch allowing visual inspection, alternate means of inspection approved by the Administrator may be used.

(vi) The owner or operator shall initiate procedures for corrective action within 1 working day of detection of an operating problem and complete all corrective actions as soon as practicable. Procedures to be initiated are the applicable actions that are specified in the maintenance plan. Failure to initiate or provide appropriate repair, replacement, or other corrective action is a violation of the maintenance requirement of this subpart.

(vii) The owner or operator shall maintain a record of each inspection, including each item identified in paragraph (b)(2)(iv) of this section, that is signed by the responsible maintenance official and that shows the date of each inspection, the problem identified, a description of the repair, replacement, or other corrective action taken, and the date of the repair, replacement, or other corrective action taken.

**VII. ADDITIONAL REQUIREMENTS.**

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

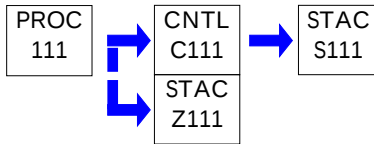
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## SECTION D. Source Level Requirements

Source ID: 111

Source Name: TANDEM MILL

Source Capacity / Throughput:



### I. RESTRICTIONS.

#### Emission Restriction(s).

# 001 [25 Pa. Code §123.13]

##### Processes

In accordance with 25 Pa. Code §123.13(c)(1)(i), the permittee may not permit the emission into the outdoor atmosphere of particulate matter from this source in a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grain per dry standard cubic foot.

# 002 [25 Pa. Code §123.41]

##### Limitations

A person may not permit the emission into the outdoor atmosphere of visible air contaminants in such a manner that the opacity of the emission is either of the following:

- (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.

# 003 [25 Pa. Code §123.42]

##### Exceptions

The opacity limitations shall not apply to a visible emission in any of the following instances:

- (1) When the presence of uncombined water is the only reason for failure of the emission to meet the limitations.
- (2) When the emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions.
- (3) When the emission results from sources specified in §123.1(a)(1) -- (9) (relating to prohibition of certain fugitive emissions).
- (4) Not applicable.

### 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.

# 004 [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.

# 005 [25 Pa. Code §127.441]

##### Operating permit terms and conditions.

- (a) The permittee shall conduct a weekly survey of the source during daylight hours to ensure compliance with the visible emission restrictions for this source.
- (b) If any visible emissions are apparent, the permittee shall take immediate action to eliminate them.
- (c) If any visible emissions are apparent after the correction action, the permittee shall verify compliance with the opacity standards specified in the permit through methods prescribed in §123.43, such as Method 9 readings taken by a certified visible emissions reader, by the end of the next business day following discovery.
- (d) At the end of 90 days, upon the permittee's request, the Department will determine the feasibility of decreasing the monitoring frequency to monthly. The frequency will not be decreased until the permittee receives the Department's written approval of the permittee's request.

**SECTION D. Source Level Requirements**

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

**IV. RECORDKEEPING REQUIREMENTS.**

# 006 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall keep records of all visible emission surveys performed. The records shall include the date, time, name and title of the observer, whether visible emissions were observed, any corrective action, and any Method 9 readings taken by a certified visible emissions reader. Records shall be kept for a minimum of five years and made available to the Department upon request.

Compliance with this condition, the visible emission restrictions in §123.41, and the visual emission inspection condition in the monitoring requirements for this source will be considered demonstration of compliance with the particulate matter emission requirement in §123.13.

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.**

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

**VII. ADDITIONAL REQUIREMENTS.**

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

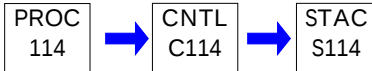
\*\*\* Permit Shield in Effect. \*\*\*

**SECTION D. Source Level Requirements**

Source ID: 114

Source Name: WATER QUALITY LIME SILO

Source Capacity / Throughput:

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

# 001 [25 Pa. Code §123.13]

**Processes**

In accordance with 25 Pa. Code §123.13(c)(1)(i), the permittee may not permit the emission into the outdoor atmosphere of particulate matter from this source in a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grain per dry standard cubic foot.

# 002 [25 Pa. Code §123.41]

**Limitations**

A person may not permit the emission into the outdoor atmosphere of visible air contaminants in such a manner that the opacity of the emission is either of the following:

- (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.

# 003 [25 Pa. Code §123.42]

**Exceptions**

The opacity limitations shall not apply to a visible emission in any of the following instances:

- (1) When the presence of uncombined water is the only reason for failure of the emission to meet the limitations.
- (2) When the emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions.
- (3) When the emission results from sources specified in §123.1(a)(1) -- (9) (relating to prohibition of certain fugitive emissions).
- (4) Not applicable.

**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.**

# 004 [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.

# 005 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

- (a) The permittee shall conduct a monthly survey of the source during daylight hours while the silo is being loaded to ensure compliance with the visible emission restrictions for this source.
- (b) If any visible emissions are apparent, the permittee shall take immediate action to eliminate them.
- (c) If any visible emissions are apparent after the correction action, the permittee shall verify compliance with the opacity standards specified in the permit through methods prescribed in §123.43, such as Method 9 readings taken by a certified visible emissions reader, during the next scheduled delivery.
- (d) If the silo is not loaded in a calendar month, no survey is necessary.

**SECTION D. Source Level Requirements****IV. RECORDKEEPING REQUIREMENTS.**

# 006 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall keep records of all visible emission surveys performed. The records shall include the date, time, name and title of the observer, whether visible emissions were observed, any corrective action, and any Method 9 readings taken by a certified visible emissions reader. Records shall be kept for a minimum of five years and made available to the Department upon request.

Compliance with this condition, the visible emission restrictions in §123.41, and the visual emission inspection condition in the monitoring requirements for this source will be considered demonstration of compliance with the particulate matter emission requirement in §123.13.

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.**

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

**VII. ADDITIONAL REQUIREMENTS.**

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

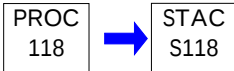
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**SECTION D. Source Level Requirements**

Source ID: 118

Source Name: GASOLINE STORAGE TANK

Source Capacity / Throughput:

**I. RESTRICTIONS.**

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

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

**IV. RECORDKEEPING REQUIREMENTS.**

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

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.**

# 001 [25 Pa. Code §129.57]

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

The permittee shall equip the storage tank with pressure relief valves which are maintained in good operating condition and which are set to release at no less than 0.7 psig (4.8 kilopascals) of pressure or 0.3 psig (2.1 kilopascals) of vacuum or the highest 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.

**VII. ADDITIONAL REQUIREMENTS.**

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

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



## SECTION E. 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.**

In addition to the sources listed on the Department's Trivial Activities list, the following sources have been determined to be exempt from operating permit requirements in accordance with 25 PA Code 127.14(a)(8):

Source #039: Miscellaneous Space Heaters (< 1 MMBtu / Hr)  
Source #201: Road Dust  
Ferrous Chloride (Waste Acid) Tanks (2)  
Parts Cleaners  
Diesel Storage Tanks (Vapor Pressure < 1.5 psi)  
Misc. Oil Storage Tanks (Vapor Pressure < 1.5 psi)  
Tandem Mill Solvent Storage Tank (Vapor Pressure < 1.5 psi)  
Misc. Tandem Mill Tanks (Vapor Pressure < 1.5 psi)



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