



**COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
AIR QUALITY PROGRAM**

**TITLE V/STATE OPERATING PERMIT**

Issue Date: October 11, 2019

Effective Date: October 11, 2019

Expiration Date: October 10, 2024

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

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

**TITLE V Permit No: 09-00006**

Federal Tax Id - Plant Code: 25-0996816-13

**Owner Information**

Name: US STEEL CORP

Mailing Address: MON VALLEY WORKS - FAIRLESS PLT  
FAIRLESS HILLS, PA 19030

**Plant Information**

Plant: US STEEL CORP/FAIRLESS HILLS

Location: 09 Bucks County

09002 Falls Township

SIC Code: 3479 Manufacturing - Metal Coating And Allied Services

**Operator**

Name: KURT BARSHICK

[If different from owner]

Mailing Address: PO BOX 878

MS 100

DRAVOSBURG, PA 15034-0878

**Responsible Official**

Name: KURT BARSHICK

Title: GENERAL MGR

Phone: (412) 675 - 2600

**Permit Contact Person**

Name: DAN BELACK

Title: ENVIRONMENTAL ENGINEER

Phone: (412) 675 - 7382

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

JAMES D. REBARCHAK, SOUTHEAST REGION AIR PROGRAM MANAGER

**SECTION A. Table of Contents****Section A. Facility/Source Identification**

Table of Contents  
Site Inventory List

**Section B. General Title V Requirements**

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

**Section C. Site Level Title V Requirements**

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

**Section D. Source Level Title V Requirements**

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



## SECTION A. Table of Contents

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

### Section E. Alternative Operating Scenario(s)

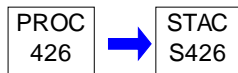
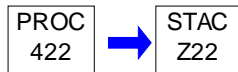
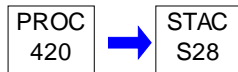
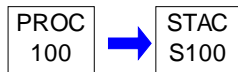
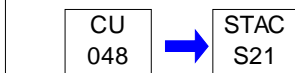
- E-I: Restrictions
- E-II: Testing Requirements
- E-III: Monitoring Requirements
- E-IV: Recordkeeping Requirements
- E-V: Reporting Requirements
- E-VI: Work Practice Standards
- E-VII: Additional Requirements

### Section F. Emission Restriction Summary

### Section G. Miscellaneous

**SECTION A. Site Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
048	GAL3 STEAM BOILER	31.200 MMBTU/HR	
		N/A	Natural Gas
100	PARTS WASHER	N/A	SOLVENT
420	GALVANIZING LINE FURNACE	75.000 Tons/HR	SHEET STEEL
		68.400 MCF/HR	NATURAL GAS
422	GALVANNEAL FURNACE	75.000 Tons/HR	STEEL SHEET
		16.000 MCF/HR	Natural Gas
426	MISC. NATURAL GAS USAGE	N/A	Natural Gas
FML01	NATURAL GAS PIPELINE		
S100	PARTS WASHER EMISSIONS		
S21	UNSPECIFIED NAME		
S28	GALV LINE FURNACE STACK		
S426	STACKS (MULT) FOR NAT. GAS FIRED SOURCES		
Z22	UNSPECIFIED NAME		

**PERMIT MAPS**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

- (1) The Department determines that no other change in the permit is necessary;
- (2) A written agreement has been submitted to the Department identifying the specific date of the transfer of permit responsibility, coverage and liability between the current and the new permittee; and,
- (3) A compliance review form has been submitted to the Department and the permit transfer has been approved by the Department.

**SECTION B. General Title V Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General Title V Requirements**

to determine compliance with the permit.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General Title V Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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



**SECTION B. General Title V Requirements**

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

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

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

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

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

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

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

- (1) Four tons of carbon monoxide from a single source during the term of the permit and 20 tons of carbon monoxide at the facility during the term of the permit.
- (2) One ton of NO<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.

**SECTION B. General Title V Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General Title V Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General Title V Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

- (1) Section 127.14 (relating to exemptions)

**SECTION B. General Title V Requirements**

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

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

- (a) If required by Section 112(r) of the Clean Air Act, the permittee shall develop and implement an accidental release program consistent with requirements of the Clean Air Act, 40 CFR Part 68 (relating to chemical accident prevention provisions) and the Federal Chemical Safety Information, Site Security and Fuels Regulatory Relief Act (P.L. 106-40).
- (b) The permittee shall prepare and implement a Risk Management Plan (RMP) which meets the requirements of Section 112(r) of the Clean Air Act, 40 CFR Part 68 and the Federal Chemical Safety Information, Site Security and Fuels Regulatory Relief Act when a regulated substance listed in 40 CFR § 68.130 is present in a process in more than the listed threshold quantity at the Title V facility. The permittee shall submit the RMP to the federal Environmental Protection Agency according to the following schedule and requirements:
- (1) The permittee shall submit the first RMP to a central point specified by EPA no later than the latest of the following:
    - (i) Three years after the date on which a regulated substance is first listed under § 68.130; or,
    - (ii) The date on which a regulated substance is first present above a threshold quantity in a process.
  - (2) The permittee shall submit any additional relevant information requested by the Department or EPA concerning the RMP and shall make subsequent submissions of RMPs in accordance with 40 CFR § 68.190.
  - (3) The permittee shall certify that the RMP is accurate and complete in accordance with the requirements of 40 CFR Part 68, including a checklist addressing the required elements of a complete RMP.
- (c) As used in this permit condition, the term "process" shall be as defined in 40 CFR § 68.3. The term "process" means any activity involving a regulated substance including any use, storage, manufacturing, handling, or on-site movement of such substances or any combination of these activities. For purposes of this definition, any group of vessels that are interconnected, or separate vessels that are located such that a regulated substance could be involved in a potential release, shall be considered a single process.
- (d) If the Title V facility is subject to 40 CFR Part 68, as part of the certification required under this permit, the permittee shall:
- (1) Submit a compliance schedule for satisfying the requirements of 40 CFR Part 68 by the date specified in 40 CFR § 68.10(a); or,
  - (2) Certify that the Title V facility is in compliance with all requirements of 40 CFR Part 68 including the registration and submission of the RMP.
- (e) If the Title V facility is subject to 40 CFR Part 68, the permittee shall maintain records supporting the implementation of an accidental release program for five (5) years in accordance with 40 CFR § 68.200.
- (f) When the Title V facility is subject to the accidental release program requirements of Section 112(r) of the Clean Air Act and 40 CFR Part 68, appropriate enforcement action will be taken by the Department if:
- (1) The permittee fails to register and submit the RMP or a revised plan pursuant to 40 CFR Part 68.

**SECTION B. General Title V Requirements**

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

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

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

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

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

- (1) The applicable requirements are included and are specifically identified in this permit.
- (2) The Department specifically identifies in the permit other requirements that are not applicable to the permitted facility or source.

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

- (1) The provisions of Section 303 of the Clean Air Act, including the authority of the Administrator of the EPA provided thereunder.
- (2) The liability of the permittee for a violation of an applicable requirement prior to the time of permit issuance.
- (3) The applicable requirements of the acid rain program, consistent with Section 408(a) of the Clean Air Act.
- (4) The ability of the EPA to obtain information from the permittee under Section 114 of the Clean Air Act.

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

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

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

- (a) construction or demolition of buildings or structures;
- (b) grading, paving and maintenance of roads and streets;
- (c) Use of roads and streets. Emissions from material in or on trucks, railroad cars and other vehicular equipment are not considered as emissions from use of roads and streets;
- (d) clearing of land;
- (e) stockpiling of materials; or
- (f) sources and classes of sources other than those identified in (a) - (e) above, for which the operator has obtained a determination from the Department, in accordance with 25 Pa. Code § 123.1 (b), that fugitive emissions from the source, after appropriate control, meet the following requirements:
  - (1) the emissions are of minor significance with respect to causing air pollution; and
  - (2) the emissions are not preventing or interfering with the attainment or maintenance of any ambient air quality standard.

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

A person may not permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in Condition #002, of this Section, 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 §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:

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

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

The limitations of Condition #005, of this Section, shall not apply to a visible emission in any of the following instances:

- (a) when the presence of uncombined water is the only reason for failure of the emission to meet the limitations;
- (b) when the emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions; or
- (c) when the emission results from sources specified in Condition #002 of this Section.

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

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

The permittee shall ensure that emission into the outdoor atmosphere of nitrogen oxides (NO<sub>x</sub>) from this facility occurs in such a manner that the rate of the emission is less than 100 tons/yr, calculated monthly as a 12-month rolling sum.

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

No person may permit the open burning of material in the Southeast Air Basin except where the open burning operations result from:

**SECTION C. Site Level Requirements**

- (a) a fire set to prevent or abate a fire hazard, when approved by the Department and set by or under the supervision of a public officer;
- (b) a fire set for the purposes of instructing personnel in fire fighting, when approved by the Department;
- (c) a fire set solely for cooking food;
- (d) a fire set solely for recreational or ceremonial purposes; or
- (e) a fire set for the prevention and control of disease or pests, when approved by the Department.

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

- (a) If at any time the Department has cause to believe that air contaminant emissions from any source(s) may be in excess of the limitations or established pursuant to, any applicable rule or regulation contained in 25 Pa. Code Article III, the permittee shall be required to conduct whatever tests are deemed necessary by the Department to determine the actual emission rate(s).
- (b) Such testing shall be conducted in accordance with the provisions of 25 Pa. Code Chapter 139 and the most current version of the DEP Source Testing Manual, when applicable, and in accordance with any restrictions or limitations established by the Department at such time as it notifies the permittee that testing is required.

**III. MONITORING REQUIREMENTS.****# 009 [25 Pa. Code §123.43]****Measuring techniques**

Visible emissions, pursuant to Condition #005 of this Section, may be measured using either of the following:

- (a) a device approved by the Department and maintained to provide accurate opacity measurements; or
- (b) observers, trained and qualified to measure plume opacity with the naked eye or with the aid of any devices approved by the Department.

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

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

- (a) The permittee shall monitor the facility, once per operating day, for the following:
  - (1) odors which may be objectionable (as per 25 Pa. Code §123.31);
  - (2) visible emissions (as per 25 Pa. Code §§123.41 and 123.42); and
  - (3) fugitive particulate matter (as per 25 Pa. Code §§ 123.1 and 123.2).
- (b) Objectionable odors, fugitive particulate emissions, and visible emissions that are caused or may be caused by operations at the site shall:
  - (1) be investigated;
  - (2) be reported to the facility management, or individual(s) designated by the permittee;
  - (3) have appropriate corrective action taken (for emissions that originate on-site); and
  - (4) be recorded in a permanent written log.
- (c) After six (6) months of daily monitoring, and upon the permittee's request, the Department will determine the feasibility of decreasing the monitoring frequency to weekly.
- (d) After six (6) months of weekly monitoring, and upon the permittee's request, the Department will determine the feasibility of decreasing the frequency of monitoring to monthly.
- (e) The Department reserves the right to change the above monitoring requirements at any time, based on but not limited to: the review of the compliance certification (if applicable), complaints, monitoring results, and/or Department findings.

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

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



**SECTION C. Site Level Requirements**

The permittee shall maintain a record of all reports of fugitive emissions and malodors which deviate from the terms and conditions of this permit. The report shall contain, at a minimum, the following items:

- (a) date, time, and location of the incident(s);
- (b) the cause of the event; and
- (c) any corrective action or preventative action taken.

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

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

Records of the monitoring data and supporting information required by this Permit shall be maintained for a minimum of five (5) years.

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

The permittee shall calculate and record the amount of nitrogen oxides emitted from this facility on a monthly and a 12-month rolling sum basis.

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

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

(a) The permittee shall within two (2) hours of occurrence notify the Department of any malfunction of the source(s), when the company knew or should have known of the occurrence, if the occurrence results in, or may possibly be resulting in, the emission of air contaminants in excess of the limitations specified in, or established pursuant to, any applicable rule or regulation contained in Article III of the Rules and Regulations of the Department of Environmental Protection.

(b) A report shall be submitted to the Department on a malfunction shall include the following:

- (1) probable cause of the malfunction;
- (2) the amount of emissions caused by the malfunction;
- (3) duration of the malfunction; and
- (4) corrective actions or preventative actions taken.

(c) A written report shall be submitted to the Department within two (2) days following the notification of the incident, and shall describe, at a minimum, the following:

- (1) the malfunction(s);
- (2) the emission(s);
- (3) the duration; and
- (4) any corrective action taken.

[For purposes of compliance with this condition in this permit and in accordance with the definition of malfunction in 40 C.F.R. § 60.2, the term malfunction shall mean any sudden, infrequent, and not reasonably preventable failure of air pollution control equipment, process equipment, or a process to operate in a normal or usual manner. Failures that are caused in part by poor maintenance or careless operation are not malfunctions.]

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

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

The permittee shall submit the following reports:

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

**SECTION C. Site Level Requirements**

(b) a semi annual deviation report, due by October 1, of each year, for the period covering January 1 through June 30 of the current year.

Note: The annual certification of compliance fulfills the obligation for the second deviation reporting period (July 1 through December 31 of the previous year).

**# 016 [25 Pa. Code §135.21]****Emission statements**

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

**# 017 [25 Pa. Code §135.3]****Reporting**

The permittee shall submit, by March 1 of each year, an Air Information Management System (AIMS) inventory report for the preceding calendar year.

**VI. WORK PRACTICE REQUIREMENTS.****# 018 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

A person responsible for any source specified in Condition #002, of this Section, shall take all reasonable actions to prevent particulate matter from becoming airborne. These actions shall include, but not be limited to, the following:

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

**# 019 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

- (a) The permittee shall reduce emissions of Class I and Class II refrigerants during the service, maintenance, repair, and disposal of equipment in accordance with the requirements of 40 CFR 82, Subpart F, Recycling and Emissions Reduction.
- (b) The permittee shall utilize approved substitute refrigerants pursuant to 40 CFR 82 Subpart G.

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

The permittee shall follow all of the requirements listed in 40 CFR 61, Subpart M, for asbestos removal from the U.S. Steel Company property.

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

[Additional authority for this Permit condition is also derived from 25 Pa. Code § 127.512(h).]

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

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

[Additional authority for this Permit condition is also derived from 25 Pa. Code § 127.512(h).]

The permittee shall ensure that the air cleaning devices and sources, listed in Sections A and G, of this Permit, are operated and maintained in a manner consistent with good operating and maintenance practices to control and minimize malodor, fugitive particulate emissions and visible emissions.

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

[Additional authority for this Permit condition is also derived from 25 Pa. Code § 127.512(h).]

**SECTION C. Site Level Requirements**

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

**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: 048

Source Name: GAL3 STEAM BOILER

Source Capacity/Throughput: 31.200 MMBTU/HR

N/A

Natural Gas

**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 a combustion unit in excess of 0.4 lbs/MMBtu of heat input, pursuant to 25 Pa. Code § 123.11(a)(1).

**# 002 [25 Pa. Code §123.22]****Combustion units**

No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO<sub>2</sub>, from any combustion unit, in the Southeast Air Basin, in excess of 1.0 lbs/MMBtu of heat input, pursuant to 25 Pa. Code § 123.22(e)(1).

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

[Additional authority for this permit condition is also derived from General Plan Approval/General Operating Permit 09-302-082GP.]

This boiler shall be designed with a control device(s) that are capable of reducing the emissions of nitrogen oxides (NO<sub>x</sub>) and carbon monoxide (CO) to or below the following limits:

- (a) 30 ppm<sub>dv</sub> NO<sub>x</sub> at 3% oxygen when firing natural gas; and
- (b) 400 ppm<sub>dv</sub> CO at 3% oxygen.

[Compliance with the above permitted condition has been determined by the Department to meet the requirements for Best Available Technology (BAT) for small boilers.]

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

The permittee shall only fire natural gas in this boiler.

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

The permittee shall monitor the following for this source on at least a monthly basis when this source is in operation:

- (a) the amount of natural gas consumed by this source; or
- (b) the number of hours of operation.

**SECTION D. Source Level Requirements****IV. RECORDKEEPING REQUIREMENTS.****# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

- (a) The permittee shall record the following for this source on at least a monthly basis when this source is in operation:
- (1) the amount of natural gas consumed by this source; or
  - (2) the number of hours of operation.
- (b) The permittee shall keep records of the following for this source on a 12-month rolling sum basis:
- (1) the total amount of natural gas consumed by this source; or
  - (2) the hours of operation.
- (c) The permittee shall calculate and record the amount of nitrogen oxides, carbon monoxide, and volatile organic compounds emitted from this source on a monthly and a 12-month rolling sum basis.
- (d) The permittee shall keep the data from paragraphs (a), (b), and (c) above on file for a period of five (5) years, and these records shall be made available to the Department upon request.

[Compliance with paragraphs (a) - (d) above also demonstrate compliance with the applicable recordkeeping requirements of 40 C.F.R. Part 60, Subpart Dc.]

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

The permittee shall keep a record of the annual tune-up required by Condition #013. This record shall contain, at a minimum, the following information:

- (a) the date of the tuning procedure;
- (b) the name of the service company and technician;
- (c) the final operating rate or load;
- (d) the final CO and NOx emission rates; and
- (e) the final excess oxygen rate.

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

The permittee may perform a calculation to demonstrate compliance with 25 Pa. Code §§ 123.11(a)(1) and 123.22(e)(1) requirements using natural gas. The calculation, if compliance is demonstrated, shall be kept on file for the life of this boiler and provided to the Department upon request.

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

[Additional authority for this permit condition is also derived from 40 C.F.R. § 60.48c.]

The permittee shall submit semi-annual reports to the U.S. EPA and the Department in accordance with the requirements of 40 C.F.R. §§ 60.48c(d), 60.48c(e)(11), and 60.48c(j). The initial semi-annual report shall be postmarked by the 30th day of the third month following the completion of the initial performance test. Each subsequent report shall be postmarked by the 30th day following the end of the reporting period.

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

[Additional authority for this permit condition is also derived from 40 C.F.R. § 60.48c.]

Pursuant to 40 C.F.R. § 60.4, the permittee shall submit copies of all requests, reports, applications, submittals, and other communications to both the U.S. EPA and the Department.

U.S. EPA copies are to be forwarded to the following address:

Associate Director  
Office of Air Enforcement and Compliance Assistance, 3AP20

**SECTION D. Source Level Requirements**

U.S. EPA, Region III  
1650 Arch Street  
Philadelphia, PA 19103-2029

Department copies are to be forwarded to the following address:

Air Pollution Control Manager  
PA Department of Environmental Protection  
Southeast Regional Office  
2 East Main Street  
Norristown, PA 19401

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

The permittee shall install and maintain a fuel meter to determine and record the amount of natural gas consumed by this source.

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

The permittee shall operate and maintain this source in accordance with the manufacturer's specifications and good engineering practices.

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

(a) The permittee shall perform an annual tune-up on the combustion process for this source. The annual tune-up shall consist of, at a minimum, the following:

- (1) inspection, adjustment, cleaning or replacement of fuel burning equipment, including the burners and moving parts necessary for proper operation as specified by the manufacturer;
- (2) inspection of the flame pattern or characteristics and adjustments necessary to minimize total emissions of NO<sub>x</sub>, and to the extent practicable, minimize the emissions of CO; and
- (3) inspection of the air-to-fuel ratio control system and adjustments necessary to ensure proper calibration and operation as specified by the manufacturer.

(b) The annual combustion tune-up shall be made in accordance with EPA document "Combustion Efficiency Optimization Manual for Operators of Oil and Gas-fired Boilers," September 1983 (EPA-340/1-83-023) or equivalent procedures approved by the Department in writing.

**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**

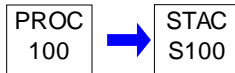
Source ID: 100

Source Name: PARTS WASHER

Source Capacity/Throughput:

N/A

SOLVENT

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

For each delivery of solvent to this immersion cold cleaning machine, the permittee shall monitor the following:

- (a) the amount of waste solvent removed from the cold cleaning machine;
- (b) the amount of virgin solvent added to the cold cleaning machine; and
- (c) the freeboard ratio of the cleaning machine after the virgin solvent is added.

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

For each delivery of solvent to this immersion cold cleaning machine, the permittee shall keep records of the following:

- (a) the amount of waste solvent removed from the cold cleaning machine;
- (b) the amount of virgin solvent added to the cold cleaning machine; and
- (c) the freeboard ratio of the cleaning machine after the virgin solvent is added.

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

The permittee shall calculate and record the volatile organic compound emissions from this source for each delivery of solvent to the facility and on a 12-month rolling sum basis.

**# 004 [25 Pa. Code §129.63]****Degreasing operations**

(a) The following written information provided by the supplier of the solvent used in the immersion cold cleaning device shall be kept on file by the permittee:

- (1) the name and address of the solvent supplier;
- (2) the type of solvent including the product or vendor identification number; and
- (3) the vapor pressure of the solvent measured in mm hg at 20°C (68°F).

(b) The written information required in paragraph (a) above shall be obtained for each delivery of solvent to the facility. This requirement may be waived if the permittee can provide a contract with the supplier or another form of documentation that states in writing that the solvent specifications will not change during the course of the contract.

(c) A person who operates an immersion cold cleaning machine shall maintain for at least 2 years and shall provide to the Department, on request, the information specified in paragraph (a) above. An invoice, bill of sale, certificate that corresponds to a number of sales, Safety Data Sheet (SDS), or other appropriate documentation acceptable to the Department may be used to comply with this section.

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

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

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

The permittee shall operate and maintain this source in accordance with manufacturer's specifications.

**# 006 [25 Pa. Code §129.63]****Degreasing operations**

Immersion cold cleaning machines shall:

- (a) have a freeboard ratio of 0.50 or greater; and
- (b) be equipped with a cover that shall be closed at all times except during cleaning of parts or the addition or removal of solvent.

**# 007 [25 Pa. Code §129.63]****Degreasing operations**

- (a) Immersion cold cleaning machines shall be operated in accordance with the following procedures:
  - (1) waste solvent shall be collected and stored in closed containers. The closed containers may contain a device that allows pressure relief, but does not allow liquid solvent to drain from the container;
  - (2) flushing of parts using a flexible hose or other flushing device shall be performed only within the cold cleaning machine. The solvent spray shall be a solid fluid stream, not an atomized or shower spray;
  - (3) sponges, fabric, wood, leather, paper products and other absorbent materials may not be cleaned in the cold cleaning machine;
  - (4) air agitated solvent baths may not be used; and
  - (5) spills during solvent transfer and use of the cold cleaning machine shall be cleaned up immediately.
- (b) Immersion cold cleaning machines shall be operated using the following discretionary good operating practices:
  - (1) cleaned parts should be drained at least 15 seconds or until dripping ceases, whichever is longer. Parts having cavities or blind holes shall be tipped or rotated while the part is draining. During the draining, tipping or rotating, the parts should be positioned so that solvent drains directly back to the cold cleaning machine;
  - (2) when a pump-agitated solvent bath is used, the agitator should be operated to produce a rolling motion of the solvent with no observable splashing of the solvent against the tank walls or the parts being cleaned; and
  - (3) work area fans should be located and positioned so that they do not blow across the opening of the degreaser unit.
- (c) The immersion cold cleaning machine shall have a permanent, conspicuous label summarizing the operating requirements in paragraph (a) above located near the area where the immersion cold cleaning device. In addition, the label shall include the discretionary good operating practices in paragraph (b) above.

**# 008 [25 Pa. Code §129.63]****Degreasing operations**

- (a) A person may not use, sell or offer for sale for use in a cold cleaning machine any solvent with a vapor pressure of 1.0 millimeter of mercury (mm Hg) or greater and containing greater than 5% VOC by weight, measured at 20°C (68°F) containing VOCs.
- (b) Paragraph (a) above does not apply:
  - (1) if the permittee demonstrates, and the Department approves in writing, that compliance with paragraph (a) will result in unsafe operating conditions; and
  - (2) if immersion cold cleaning machines with a freeboard ratio equal to or greater than 0.75.

**VII. ADDITIONAL REQUIREMENTS.**

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





**SECTION D. Source Level Requirements**

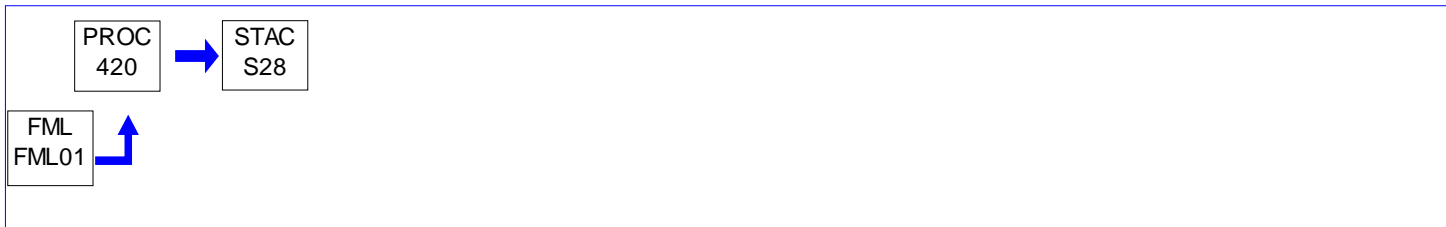
**\*\*\* Permit Shield in Effect. \*\*\***

**SECTION D. Source Level Requirements**

Source ID: 420

Source Name: GALVANIZING LINE FURNACE

Source Capacity/Throughput:	75.000 Tons/HR	SHEET STEEL
	68.400 MCF/HR	NATURAL GAS

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.13]****Processes**

No person may permit the emission into the outdoor atmosphere of particulate matter from this furnace at any time, in excess of 0.04 gr/dscf, pursuant to 25 Pa. Code § 123.13(c)(1)(i).

**# 002 [25 Pa. Code §123.21]****General**

No person may permit the emission into the outdoor atmosphere of sulfur oxides from this furnace in a manner that the concentration of the sulfur oxides, expressed as SO<sub>2</sub>, in the effluent gas exceeds 500 ppmvd, pursuant to 25 Pa. Code § 123.21(b).

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

The permittee shall use only natural gas for this furnace.

**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 §127.441]****Operating permit terms and conditions.**

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

The permittee shall monitor the following on a monthly basis when the furnace is in operation:

- (a) the amount of natural gas used; and
- (b) the hours of operation.

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

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

The permittee shall record each adjustment in a permanently bound log book or other method approved by the Department. This log book shall contain, at a minimum, the following information:

- (a) the date of the tuning procedure;
- (b) the name of the service company and technicians;
- (c) the final operating rate or load;

**SECTION D. Source Level Requirements**

- (d) the final CO and NO<sub>x</sub> emission rates; and  
 (e) the final excess oxygen rate.

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

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

- (a) The permittee shall keep records of the following on a monthly basis when the furnace is in operation:  
 (1) the amount of natural gas used; and  
 (2) the hours of operation.
- (b) The permittee shall calculate and record the total amount of fuel used and the total hours of operation on a 12-month rolling basis.
- (c) The permittee shall calculate and record the amount of nitrogen oxides and volatile organic compounds emitted from this source on a monthly and a 12-month rolling sum basis.

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

The permittee may perform a calculation to demonstrate compliance with 25 Pa. Code §§ 123.13(c)(1)(i) and 123.21 requirements using natural gas. The calculation, if compliance is demonstrated, shall be kept on file for the life of this furnace and provided to the Department upon request.

**V. REPORTING REQUIREMENTS.**

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

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

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

- (a). The permittee shall follow good operating procedures in operating the furnace.
- (b). The permittee shall conduct an annual adjustment or tune-up on the furnace. The adjustment shall include, but is not limited to, the following:  
 (1) inspection, adjustment, cleaning or replacement of fuel burning equipment, including the burners and moving parts necessary for proper operation as specified by the manufacturer;  
 (2) inspection of the flame pattern or characteristics and adjustments necessary to minimize total emissions of NO<sub>x</sub> and to the extent practicable minimize emissions of CO; and  
 (3) inspection of the air-to-fuel ratio control system and adjustments necessary to ensure proper calibration and operation as specified by the manufacturer.

**VII. ADDITIONAL REQUIREMENTS.**

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

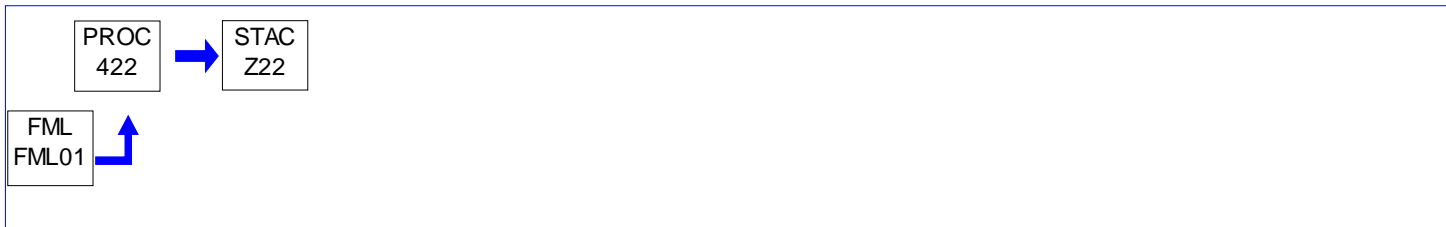
**\*\*\* Permit Shield in Effect. \*\*\***

**SECTION D. Source Level Requirements**

Source ID: 422

Source Name: GALVANNEAL FURNACE

Source Capacity/Throughput:	75.000 Tons/HR	STEEL SHEET
	16.000 MCF/HR	Natural Gas

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.13]****Processes**

No person may permit the emission into the outdoor atmosphere of particulate matter from this furnace at any time, in excess of 0.04 g/dscf, pursuant to 25 Pa. Code § 123.13(c)(1)(i).

**# 002 [25 Pa. Code §123.21]****General**

No person may permit the emission into the outdoor atmosphere of sulfur oxides from this furnace in a manner that the concentration of the sulfur oxides, expressed as SO<sub>2</sub>, in the effluent gas exceeds 500 ppmvd, pursuant to 25 Pa. Code § 123.21(b).

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

The permittee shall only use natural gas in these furnaces.

**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 §127.441]****Operating permit terms and conditions.**

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

The permittee shall monitor the following on a monthly basis when the furnace is in operation:

- (a) the amount of natural gas used; and
- (b) the hours of operation.

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

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

(a) The permittee shall keep records of the following on a monthly basis when the furnace is in operation:

- (1) the amount of natural gas used; and
- (2) the hours of operation.

(b) The permittee shall calculate and record the total amount of fuel used and the total hours of operation for this source on



**SECTION D. Source Level Requirements**

a 12-month rolling basis.

(c) The permittee shall calculate and record the amount of nitrogen oxides emitted from this source on a monthly and a 12-month rolling sum basis.

**# 006 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

The permittee may perform a calculation to demonstrate compliance with 25 Pa. Code §§ 123.13(c)(1)(i) and 123.21 requirements using natural gas. The calculation, if compliance is demonstrated, shall be kept on file for the life of this furnace and provided to the Department upon request.

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.**

**# 007 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

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

The permittee shall install, maintain, and operate this furnace in accordance with manufacturers specifications.

**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**

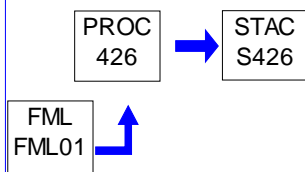
Source ID: 426

Source Name: MISC. NATURAL GAS USAGE

Source Capacity/Throughput:

N/A

Natural Gas

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.13]****Processes**

No person may permit the emission into the outdoor atmosphere of particulate matter from each unit listed under this source at any time, in excess of 0.04 gr/dscf, pursuant to 25 Pa. Code § 123.13(c)(1)(i).

**# 002 [25 Pa. Code §123.21]****General**

No person may permit the emission into the outdoor atmosphere of sulfur oxides from each unit listed under this source in a manner that the concentration of the sulfur oxides, expressed as SO<sub>2</sub>, in the effluent gas exceeds 500 ppmvd, pursuant to 25 Pa. Code § 123.21(b).

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

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

The permittee shall ensure that the total amount of natural gas consumed by these sources does not exceed 244,630 mcf/yr, calculated monthly as a 12-month rolling sum.

**II. TESTING REQUIREMENTS.**

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

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

The permittee shall monitor the amount of fuel used in these sources on a monthly basis.

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

(a) The permittee shall keep records of the amount of fuel used in these sources on a monthly basis and on a 12-month rolling sum basis.

(b) The permittee shall keep records of any calculations demonstrating compliance with the applicable requirements of 25 Pa. Code §§ 123.13(c)(1)(i) and 123.21. These calculations shall be kept on file for the life of each unit listed under this source and shall be provided to the Department upon request.

(c) The permittee shall calculate and record the amount of nitrogen oxides emitted from this source on a monthly and a 12-month rolling sum basis.



**SECTION D. Source Level Requirements**

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.**

**# 006 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

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

The permittee shall install, maintain, and operate these sources in accordance with the manufacturers' specifications.

**VII. ADDITIONAL REQUIREMENTS.**

**# 007 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

This souce is comprised of space heaters and gas dryers.

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



**SECTION E. Alternative Operation Requirements.**

No Alternative Operations exist for this Title V facility.



**SECTION F. Emission Restriction Summary.**

Source Id	Source Descriptor		
048	GAL3 STEAM BOILER		
<b>Emission Limit</b>		<b>Pollutant</b>	
1.000	Lbs/MMBTU		SOX
0.400	Lbs/MMBTU		TSP
420	GALVANIZING LINE FURNACE		
<b>Emission Limit</b>		<b>Pollutant</b>	
0.040	gr/CF		PM10
500.000	PPMV		SOX
422	GALVANNEAL FURNACE		
<b>Emission Limit</b>		<b>Pollutant</b>	
0.040	gr/CF		PM10
500.000	PPMV		SOX
426	MISC. NATURAL GAS USAGE		
<b>Emission Limit</b>		<b>Pollutant</b>	
500.000	PPMV	dry standard conditions; for each unit listed under this source	SOX
0.040	gr/DRY FT3	for each unit listed under this source	TSP

**Site Emission Restriction Summary**

<b>Emission Limit</b>		<b>Pollutant</b>
100.000	Tons/Yr	Less Than; 12-Month Rolling Sum, Calculated Monthly
		NOX

**SECTION G. Miscellaneous.**

#001. The following previously issued Operating Permit serves as the basis for certain terms and conditions set forth in this Title V Permit:

OP-09-0006  
09-302-082GP

#002. U.S. Steel in 1995 owned 4 powerhouse boilers. Since that time, U.S. Steel has sold these boilers to PECO Energy, who now operates the boilers with landfill gas.

#003. Insignificant Activities at U.S. Steel Company

The following activities performed at U.S. Steel that are considered insignificant by the Department. These sources fall under the site level requirements listed in Section C.

- (1). Welders
- (2). Shears
- (3). Accumulators
- (4). Acid cleaners
- (5). Caustic cleaners
- (6). Steam dryers
- (7). Annealing gas purge
- (8). Zinc pot
- (9). Air cooling
- (10). Water quench
- (11). Temper mills
- (12). Chemical treatments
- (13). Labeler
- (14). Oilers and electrostatic oilers
- (15). Coilers and uncoilers
- (16). Leveler
- (17). Delivery tension Reel
- (18). Water rinses
- (19). Electric melt section
- (20). General equipment and facility maintenance
- (21). One 1000 gallon lube-cube fixed roof gasoline storage tank
- (22). Laboratories
- (23). Waste water treatment processes
- (24). Cleaning sections
- (25). Construction and demolition activities
- (26). Fire protection and training
- (27). Cafeteria

#004. U.S. Steel - Fairless Works submitted a maintenance plan in accordance with 25 Pa. Code §§ 127.11(a) and 127.215 to deactivate their Electrolytic Tinning Line and the Electrolytic Tinning Line Anode Furnace on December 5, 2000.

#005. U.S. Steel - Fairless Works submitted a maintenance plan in accordance with 25 Pa. Code §§ 127.11(a) and 127.215 for deactivation of the 56" HCl Pickling Line (Source ID 471) and the 80" HCl Pickling Line (Source ID 470) and their packed-bed wet scrubbers (C37 and C38) on August 9, 2001.

#006. This Title V Permit has been revised on December 2, 2002. The condition linking U.S. Steel - Fairless Works with Exelon Generation Company - Fairless Steam Generating Station as support facilities was deleted after the U.S. EPA made a determination. The word "malfunction" was also given a definition in Section C Condition #014.

#007. APS No. 345152; Authorization No. 643283: The Title V Permit is being renewed through this action. The 80-inch Pickling Line, 56-inch Pickling Line, the 4-stand Cold Reduction Mill, the 5-stand Cold Reduction Mill, the DCR Mill, the Continuous Annealing Furnace, and all 30 Batch Annealing Furnaces have been permanently deactivated. The parts of the building that are housing these sources are in the process of being demolished. One 31.2 MMBTU/hr Package Boiler was added to the permit through this action. Conditions for asbestos removal will remain in the Title V Permit.

**SECTION G. Miscellaneous.**

#008. A review of the applicability of 40 C.F.R. Part 63, Subpart DDDDD to Source ID No. 048 was performed, and the requirements of this regulation do not apply to the source since the facility is not a major facility for hazardous air pollutants (HAPs) at the time of issuance of Authorization No. 643283 (the Title V Renewal). The permittee has fulfilled its obligation of notifying the U.S. EPA of its applicability as stated in the regulations. Applicability of this MACT applicability may be re-evaluated if U.S. Steel - Fairless Works becomes a major facility for HAPs.

#009. APS No. 345152; Authorization No. 786977: The Title V Permit was revised to change the names of a responsible official and the permit contact for this facility in accordance with 25 Pa. Code 127.450(a)(2).

#010. APS No. 345152; Authorization No. 802901: The Title V Permit was revised to change the names of a responsible official and the permit contact for this facility in accordance with 25 Pa. Code 127.450(a)(2).

#011. APS No. 345152; Authorization No. 916574: This action is for the renewal of the Title V Operating Permit. A parts washer was found at the facility during the inspection for this Title V Renewal and added to the permit. The ETL Anode Furnace was removed from the sources under Source ID No. 426 because it is no longer located at this facility. The monitoring and recordkeeping frequencies for fuel usage in Source ID Nos. 420 and 422 were changed from weekly to monthly. The sources use natural gas as a fuel, and the Department has determined that the use of natural gas shows compliance with 25 Pa. Code Sections 123.13(c)(1)(i) and 123.21. The frequency of monitoring and recording fuel usage in Source ID Nos. 420 and 422 is also consistent with the frequency of monitoring for Source ID No. 048. The requirements of 40 C.F.R. Part 63, Subpart JJJJJJ do not have conditions that apply to natural gas usage, so these requirements do not apply to Source ID No. 048.

#012. For APS No. 345152, Authorization No. 916574: The monitoring frequency for odors, visible emissions, and fugitive particulate matter for the facility is to be performed on a weekly basis in accordance with the letter accepting the change in monitoring frequency sent on February 28, 2003. The Department reserves the right to change this frequency in accordance with Section C, Condition #010 of this Title V Operating Permit.

#013. For APS No. 345152; Authorization No. 968638: This action is for an administrative amendment for changes to the Responsible Official Contact for the facility, to correct address information for the facility, and to generalize the solvent used in the parts washer.

#014. For APS No. 345152; Authorization No. 1083237: The Title V Permit was revised to change the names of the responsible official and permit contact person for the facility in accordance with 25 Pa. Code § 127.450(a)(2).

#015. For APS No. 345152; Authorization No. 1154463: The Title V Permit was revised to change the name of the responsible official for the facility in accordance with 25 Pa. Code § 127.450(a)(2). The Title V Permit was also modified to add a natural gas consumption restriction of 244,630 mcf/yr for the miscellaneous natural gas usage source grouping (Source ID 426), as well as a NOx emission rate restriction of less than 100 tons/yr, calculated monthly as a 12-month rolling sum. The natural gas consumption and NOx emission rate restrictions are designed to ensure that the NOx emissions from the facility will not exceed the RACT II threshold.

#016. September 2019. APS: 345152, Authorization: 1187031. Permit renewal.

- The perimeter monitoring for visible emissions, fugitive particulate matter, and odors is currently required to be performed on a monthly basis. The Department reserves the right to change this frequency in accordance with the facility monitoring found in Section C of this Title V Operating Permit.

-

As of the date of this renewal permit, Source 426 consists of the thirty-eight (38) space heaters and two (2) gas dryers.



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

---