



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

TITLE V/STATE OPERATING PERMIT

Issue Date: January 20, 2026

Effective Date: February 3, 2026

Expiration Date: January 20, 2031

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: 65-00137

Federal Tax Id - Plant Code: 81-4499222

Owner Information

Name: ATI FLAT ROLLED PROD HOLDINGS LLC

Mailing Address: 100 RIVER RD
BRACKENRIDGE, PA 15014-1537

Plant Information

Plant: ATI FLAT ROLLED PRODUCTS HOLDINGS LLC/VANDERGRIFT

Location: 65 Westmoreland County 65818 Vandergrift Borough

SIC Code: 3316 Manufacturing - Cold Finishing Of Steel Shapes

Responsible Official

Name: DEBORAH CALDERAZZO

Title: DIR EHS

Phone: (724) 226 - 5947

Email: Deborah.Calderazzo@ATImaterials.com

Permit Contact Person

Name: DEBORAH L CALDERAZZO

Title: DIR EHS

Phone: (724) 226 - 5947

Email: Deborah.Calderazzo@ATImaterials.com

[Signature] _____

MARK R. GOROG, P.E., ENVIRONMENTAL PROGRAM MANAGER, SOUTHWEST REGION



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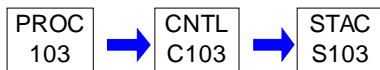
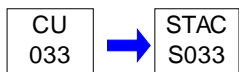
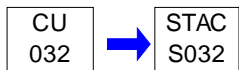
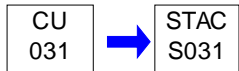
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**SECTION A. Site Inventory List**

Source ID	Source Name	Capacity/Throughput		Fuel/Material
031	BOILER #1	26.100	MMBTU/HR	
032	BOILER #2	26.100	MMBTU/HR	
033	BOILER #3	6.940	MMBTU/HR	
103	Z-8 MILL	35.000	Tons/HR	
108	66" TEMPER MILL	25.000	Tons/HR	
111	PARTS CLEANERS			
112	COOLING TOWER #1	70.000	Th Gal/HR	WATER
113	PAVED ROADWAYS	10.000	Miles/HR	
114	Z-9 MILL	35.000	Tons/HR	
115	COOLING TOWER #2	96.000	Th Gal/HR	WATER
115A	COOLING TOWER #2A			
116	MISCELLANEOUS SPACE HEATERS	90.000	MCF/HR	Natural Gas
118	STANDBY GENERATOR (410 KW)			
120A	90 LINE ANNEALING FURNACES	50.500	MCF/HR	Natural Gas
		40.000	Tons/HR	STEEL
120B	90 LINE SHOTBLAST	40.000	Tons/HR	STEEL
120C	90 LINE H2SO4 PICKLING	40.000	Tons/HR	STEEL
120D	90 LINE HF/HNO3 PICKLING	40.000	Tons/HR	STEEL
120E	90 LINE STRIP DRYER	1.300	MCF/HR	Natural Gas
		40.000	Tons/HR	STEEL
121A	91 LINE STRIP DRYERS (1 AND 2 COMBINED)	2.600	MCF/HR	Natural Gas
		35.000	Tons/HR	STEEL
121B	91 LINE ANNEALING FURNACE	42.000	MCF/HR	Natural Gas
		35.000	Tons/HR	STEEL
121C	91 LINE KOLENE DESCALING	35.000	Tons/HR	
121E	91 LINE HF/HNO3 PICKLING	35.000	Tons/HR	
121F	NO. 91 LINE KOLENE HEATER	8.000	MMBTU/HR	
121G	NO. 91 SULFURIC ACID PICKLING	35.000	Tons/HR	
121H	NO. 91 LINE KOLENE DESCALING FUME SCRUBBER COOLING TOWER	35.000	Tons/HR	
123A	BRIGHT ANNEAL ALKALINE DEGREASING	6.000	Tons/HR	
123B	BRIGHT ANNEAL FURNACE	17.700	MMBTU/HR	
124	HOOD ANNEAL FURNACE	3.600	MMBTU/HR	
125	COOLING TOWER NO. 3			
C103	Z-8 MILL CANDLE FILTER			
C114	Z-9 MILL CANDLE FILTER			
C120B	90 LINE SHOTBLAST BAGHOUSE			
C120C	90 LINE H2SO4 PICKLING SCRUBBER			
C120D	90 LINE HF/HNO3 PICKLING SCRUBBER			
C121C	NO. 91 LINE KOLENE DESCALING SCRUBBER			
C121E	91 LINE HF/HNO3 PICKLING SCRUBBER			

**SECTION A. Site Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
C121G	91 LINE SULFURIC ACID SCRUBBER		
S031	BOILER 1 STACK		
S032	BOILER 2 STACK		
S033	BOILER 3 STACK		
S103	Z-8 Z-MILL STACK		
S114	Z-9 Z-MILL STACK		
S118	EMERGENCY GENERATOR STACK		
S120	90 LINE SCRUBBER EXHAUST		
S120A	90 LINE ANNEALING FURNACE EXHAUST		
S120B	90 LINE SHOTBLAST EXHAUST		
S121B	91 LINE ANNEALING FURNACE VENT		
S121C	KOLENE SCRUBBER STACK		
S121E	91 LINE HF/HNO3 SCRUBBER STACK		
S121G	NO. 91 LINE SULFURIC ACID SCRUBBER STACK		
S123A	BRIGHT ANNEAL ALKALINE DEGREASING STACK		
S123B	BRIGHT ANNEAL FURNACE STACK		
Z108	TEMPER MILL FUGITIVE		
Z112	COOLING TOWER 1		
Z113	VEHICLE FUGITIVE		
Z115	COOLING TOWER 2		
Z116	MISC SPACE HEATERS		
Z120E	90 LINE STRIP DRYER		
Z121A	91 LINE STRIP DRYERS		
Z121F	NO. 91 LINE KOLENE HEATER FUGITIVE		
Z124	HOOD ANNEAL FURNACE FUGITIVE		
Z125	COOLING TOWER #3		

PERMIT MAPS

**PERMIT MAPS**

PROC
108 → STAC
Z108

PROC
112 → STAC
Z112

PROC
113 → STAC
Z113

PROC
114 → CNTL
C114 → STAC
S114

PROC
115 → STAC
Z115

PROC
116 → STAC
Z116

PROC
118 → STAC
S118

PROC
120A → STAC
S120A

PROC
120B → CNTL
C120B → STAC
S120B

PROC
120C → CNTL
C120C → STAC
S120

PROC
120D → CNTL
C120D → STAC
S120

PROC
120E → STAC
Z120E

PROC
121A → STAC
Z121A

PROC
121B → STAC
S121B

PROC
121C → CNTL
C121G → STAC
S121G

**PERMIT MAPS**

PROC
121E → CNTL
C121E → STAC
S121E

PROC
121F → STAC
Z121F

PROC
121G → CNTL
C121G → STAC
S121G

PROC
121H → STAC
S121C

PROC
123A → STAC
S123A

PROC
123B → STAC
S123B

PROC
124 → STAC
Z124

PROC
125 → STAC
Z125

**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 Air Pollution Control Act (35 P.S. §§ 4001-4015).

#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 & 127.704(b)]**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. The fees shall be made payable to "The Commonwealth of Pennsylvania Clean Air Fund" and submitted with the fee form to the respective regional office.

(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

**SECTION B. General Title V Requirements**

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.

#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.

**SECTION B. General Title V Requirements****#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 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.

**SECTION B. General Title V Requirements****#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 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.

**SECTION B. General Title V Requirements****#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). The applicable fees shall be made payable to "The Commonwealth of Pennsylvania Clean Air Fund" with the permit number clearly indicated and submitted to the respective regional office.
- (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 maintenance fee according to the following fee schedule established in 25 Pa. Code § 127.704(d) on or before December 31 of each year for the next calendar year.
- (1) Eight thousand dollars (\$8,000) for calendar years 2021—2025.
 - (2) Ten thousand dollars (\$10,000) for calendar years 2026—2030.
 - (3) Twelve thousand five hundred dollars (\$12,500) for the calendar years beginning with 2031.

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

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

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

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

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

- (1) Four tons of carbon monoxide from a single source during the term of the permit and 20 tons of carbon monoxide at the facility during the term of the permit.
- (2) One ton of NO_x from a single source during the term of the permit and 5 tons of NO_x at the facility during the term of the permit.
- (3) One and six-tenths tons of the oxides of sulfur from a single source during the term of the permit and 8.0 tons of

**SECTION B. General Title V Requirements**

oxides of sulfur at the facility during the term of the permit.

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

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

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

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

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

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

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

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

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

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

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

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

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

(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.

**SECTION B. General Title V Requirements**

(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, 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:

Enforcement & Compliance Assurance Division
Air, RCRA and Toxics Branch (3ED21)
Four Penn Center
1600 John F. Kennedy Boulevard
Philadelphia, PA 19103-2852

The Title V compliance certification shall be emailed to EPA at R3_APD_Permits@epa.gov.

(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

**SECTION B. General Title V Requirements**

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 § 127.513]**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 in accordance with the submission requirements specified in Section B, Condition #022 of this permit. The Title V compliance certification shall be emailed to EPA at R3_APD_Permits@epa.gov.

#025 [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.

**SECTION B. General Title V Requirements****#026 [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.

#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)
- (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:

**SECTION B. General Title V Requirements**

- (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 Section B, Condition #026 of this 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.

**SECTION B. General Title V Requirements**

(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.

#031 [25 Pa. Code §135.3]**Reporting**

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

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

#032 [25 Pa. Code §135.4]**Report Format**

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

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

(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) Sources and classes of sources other than those identified in paragraphs (1)-(5), 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.

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

The permittee may not permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in 25 Pa. Code Section 123.1(a), if the emissions are visible at the point the emissions pass outside the person's property.

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

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

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:

(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.

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

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

(1) The presence of uncombined water is the only reason for failure of the emission to meet the limitations;

(2) The emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions;

(3) The emission results from sources specified in 25 Pa. Code Section 123.1(a)(1)-(9).

**SECTION C. Site Level Requirements****# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

A facility-wide inspection shall be conducted by the Owner/Operator, at a minimum of once each day, that the facility is in operation. The facility-wide inspection shall be conducted for the presence of the following:

- a. Visible stack emissions;
- b. Fugitive emissions; and
- c. Potentially objectionable odors at the property line.

These observations are to ensure continued compliance with source-specific visible emission limitations, fugitive emissions prohibited under 25 Pa. Code §§123.1 or 123.2, and malodors prohibited under 25 Pa. Code §123.31. This observation does not require that it be performed by a person certified as a qualified observer for EPA Method 9 for Visual Determination of the Opacity of Emissions from Stationary Sources. Observations for visible stack emissions shall be conducted during daylight hours and all observations shall be conducted while sources are in operation. If any visible stack emissions, fugitive emissions, or potentially objectionable odors are apparent, the Owner/Operator shall take corrective action.

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

All air contamination sources, and air cleaning devices shall be operated in a manner consistent with the manufacturer's specifications and good engineering practice.

008 [25 Pa. Code §127.444]**Compliance requirements.**

A person may not cause or permit the operation of a source subject to this article unless the source 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 application and 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 this chapter in a manner inconsistent with good operating practices.

009 [25 Pa. Code §129.14]**Open burning operations**

(a) The permittee shall not permit the open burning of material in a manner that:

(1) The emissions are visible, at any time, at the point such emissions pass outside the property of the person on whose land the open burning is being conducted.

(2) Malodorous air contaminants from the open burning are detectable outside the property of the person on whose land the open burning is being conducted.

(3) The emissions interfere with the reasonable enjoyment of life or property.

(4) The emissions cause damage to vegetation or property.

(5) The emissions are or may be deleterious to human or animal health.

(b) Exceptions: The requirements of subsection (a) 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.

(c) Clearing and grubbing wastes. The following is applicable to clearing and grubbing wastes:



SECTION C. Site Level Requirements

(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 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 subject to the following requirements:

(i) Upon receipt of a complaint or determination by the Department that an air pollution problem exists, the Department may order that the open burning cease or comply with subsection (b) of this section.

(ii) Authorization for open burning under this paragraph does not apply to clearing and grubbing wastes that have been transported.

II. TESTING REQUIREMENTS.

010 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Performance testing shall be conducted as follows:

(a) The permittee shall submit one electronic copy of a pre-test protocol to the Department for review at least 90 days prior to the performance of any EPA reference method stack test. The permittee shall submit one electronic copy of a one-time protocol to the Department for review for the use of a portable analyzer and may repeat portable analyzer testing without additional protocol approvals provided that the same method and equipment are used. All proposed performance test methods shall be identified in the pre-test protocol and approved by the Department prior to testing.

(b) The permittee shall notify the Regional Air Quality Manager and Division of Source Testing and Monitoring at least 15 days prior to any performance test so that an observer may be present at the time of the test. This notification may be sent by email. Notification shall not be made without prior receipt of a protocol acceptance letter from the Department.

(c) One (1) electronic copy a complete test report shall be submitted to the Department no later than 60 calendar days after completion of the on-site testing portion of an emission test program.

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

(1) A statement that the owner or operator has reviewed the report from the emissions testing body and agrees with the findings.

(2) Permit number(s) and condition(s) which are the basis for the evaluation.

(3) Summary of results with respect to each applicable permit condition.

(4) Statement of compliance or non-compliance with each applicable permit condition.

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

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

(g) Pursuant to 25 Pa. Code Section 139.53(a)(1) and 139.53(a)(3) all hard copy submittals shall be sent to the Pennsylvania Department of Environmental Protection, Air Quality Program, 400 Waterfront Drive, Pittsburgh, PA 15222 with deadlines verified through document postmarks. Electronic submittals shall be sent to RA-epstacktesting@pa.gov. Alternatively, electronic copies may be provided on a CD along with hard copy submittals.

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

[Also 25 Pa. Code Section 139.11]

**SECTION C. Site Level 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.**# 011 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Per Operating Permit 65-000-137, Condition No.6, the Owner/Operator shall maintain records for RACT affected sources, in accordance with 25 PA Code Ch. 129.115. At a minimum, the following records shall be kept at the facility: monthly natural gas consumption and steel production. These records shall be maintained on file for not less than five years and shall be made available to the Department upon request.

012 [25 Pa. Code §135.5]**Recordkeeping**

Source owners or operators shall maintain and make available upon request by the Department records including computerized records that may be necessary to comply with 135.21 (relating to reporting; and emission statements). These may include records of production, fuel usage, maintenance of production or pollution control equipment or other information determined by the Department to be necessary for identification and quantification of potential and actual air contaminant emissions. If direct recordkeeping is not possible or practical, sufficient records shall be kept to provide the needed information by indirect means.

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

In accordance with 25 Pa. Code § 135.3, the owner or operator of a facility shall submit to the Department via AES*Online or AES*XML at www.depgreenport.state.pa.us/ by March 1st of each year, a facility inventory report for the preceding calendar year for all sources regulated under this operating permit. The inventory report shall include all emissions information for all sources operated during the preceding calendar year. Emissions data including, but not limited, to the following shall be reported:

- (i) NO_x;
- (ii) CO;
- (iii) SO_x;
- (iv) PM₁₀;
- (v) PM_{2.5};
- (vi) VOC;
- (vii) Speciated HAP including, but not limited to, benzene, ethyl benzene, formaldehyde, n-hexane, toluene, isomers and mixtures of xylenes, Chromium, and 2,2,4-trimethylpentane;
- (viii) Total HAP;
- (ix) CO_{2e};
- (x) CH₄; and
- (xi) N₂O.

014 [25 Pa. Code §127.442]**Reporting requirements.**

Malfunction reporting shall be conducted as follows:

- (a) The permittee shall report malfunctions, emergencies, or incidents of excess emissions to the Department. A malfunction is any sudden, infrequent, and not reasonably preventable failure of air pollution control equipment, process equipment, or a process to operate in a normal or usual manner. An emergency is any situation arising from sudden and reasonably unforeseeable events beyond the control of the owner or operator of a facility which requires immediate corrective action to restore normal operation and which causes the emission source to exceed emissions, due to unavoidable increases in emissions attributable to the situation. An emergency shall not include situations caused by improperly designed equipment, lack of preventive maintenance, careless or improper operation, or operator error.
- (b) When the malfunction, emergency or incident of excess emissions poses an imminent danger to the public health,

**SECTION C. Site Level Requirements**

safety, welfare, or environment, it shall be reported to the Department and the County Emergency Management Agency by telephone within one (1) hour after the discovery of the malfunction, emergency, or incident of excess emissions. The owner or operator shall submit a written or emailed report of instances of such malfunctions, emergencies, or incidents of excess emissions to the Department within three (3) business days of the telephone report.

(c) The report shall describe the following:

1. Name, permit or authorization number, and location of the facility,
2. Nature and cause of the malfunction, emergency, or incident,
3. Date and time when the malfunction, emergency or incident was first observed,
4. Expected duration of excess emissions,
5. Estimated rate of emissions,
6. Corrective actions or preventative measures taken.

(d) Any malfunction, emergency or incident of excess emissions that is not subject to the notice requirements of paragraph (b) of this condition shall be reported to the Department by telephone within 24 hours (or by 4:00 PM of the next business day, whichever is later) of discovery and in writing or by e-mail within five (5) business days of discovery. The report shall contain the same information required by paragraph (c), and any permit specific malfunction reporting requirements.

(e) During an emergency, an owner or operator may continue to operate the source at their discretion provided they submit justification for continued operation of a source during the emergency and follow all the notification and reporting requirements in accordance with paragraphs (b)-(d), as applicable, including any permit specific malfunction reporting requirements.

(f) Reports regarding malfunctions, emergencies or incidents of excess emissions shall be submitted to the appropriate DEP Regional Office Air Program Manager.

(g) Any emissions resulted from malfunction or emergency are to be reported in the annual emissions inventory report, if the annual emissions inventory report is required by permit or authorization.

015 [25 Pa. Code §135.21]**Emission statements**

(a) The owner or operator 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.

(b) Annual emission statements are due by March 1 for the preceeding calendar year beginning with March 1, 1993 for calendar year 1992. Statements shall provide data consistent with requirements and guidance developed by the EPA. The guidance is available from:

United States Environmental Protection Agency
401 M. Street, S.W.
Washington, D.C. 20460

(c) The Department may require more frequent submittals upon determination 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.

016 [25 Pa. Code §135.3]**Reporting**

The owner or operator shall submit by March 1 of each year, a source report for the preceding calendar year. The report shall include information for all previously reported sources, new sources which were first operated during the preceding calendar year and sources modified during the same period which were not previously reported.

The 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.



SECTION C. Site Level Requirements

VI. WORK PRACTICE REQUIREMENTS.

017 [25 Pa. Code §123.1]

Prohibition of certain fugitive emissions

For any source specified in 25 Pa. Code Section 123.1 in paragraphs (1)-(5), the permittee shall take all reasonable actions to prevent particulate matter from becoming airborne. These actions shall include, but not be limited to, the following:

- (1) Use, where possible, of water or chemicals for control of dust in the demolition of buildings or structures, construction operations, the grading of roads or the clearing of land.
- (2) Application of asphalt, oil, or suitable chemicals on dirt roads, material stockpiles and other surfaces which may give rise to airborne dusts.
- (3) Paving and maintenance of roadways.
- (4) Prompt removal of earth or other material from paved streets onto which earth or other material has been transported by trucking or earth moving equipment, erosion by water, or other means.

018 [25 Pa. Code §127.441]

Operating permit terms and conditions.

All air cleaning devices and air contamination sources at the facility shall be operated and maintained in accordance with manufacturer's specification and good air pollution and engineering practices.

VII. ADDITIONAL REQUIREMENTS.

019 [25 Pa. Code §137.4]

Standby plans

(a) This section applies to the following classes of sources located in the counties identified in subsection (b):

(3) Manufacturing industries of the following classifications which employ more than 20 employees at any one location:

(i) Primary and secondary metals industries.

(c) A person responsible for the operation of a facility in subsection (a) and located in a county classified in subsection (b) as requiring a standby plan shall submit standby plans for reducing the emission of air contaminants from that facility during alert, warning and emergency levels to the Department within 90 days of the Department's request. The plans shall be designed to reduce or eliminate the emissions of air contaminants in accordance with the objectives in 137.11-137.14 (relating to level actions). The plans shall be in writing on forms published and distributed by the Department and shall identify the approximate amount of reduction of various air contaminants and a description of the manner in which the reductions will be achieved.

(d) If the Department determines that a standby plan does not provide for effectively achieving the objectives in 137.11-137.14, the Department may disapprove the plan, state its reasons for the disapproval and either order the preparation of an amended plan within a time period specified in the order or issue, by order, a plan to replace the disapproved plan.

(e) The Department may amend or otherwise change a standby plan if it determines that good cause exists for the action. An amendment or change will be in writing and will be accompanied by a notice of sufficient cause for the action.

(f) During a forecast, alert, warning or emergency level, the standby plan shall be made available by the person responsible for the source to employees of the Department on the premises of the source.

VIII. COMPLIANCE CERTIFICATION.

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

IX. COMPLIANCE SCHEDULE.

No compliance milestones exist.



*** Permit Shield In Effect ***

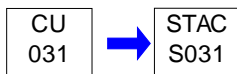
**SECTION D. Source Level Requirements**

Source ID: 031

Source Name: BOILER #1

Source Capacity/Throughput: 26.100 MMBTU/HR

Conditions for this source occur in the following groups: 2. RACT III
>20 MMBTU/HR

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.11]****Combustion units**

The permittee shall not permit the emission into the outdoor atmosphere of particulate matter from this boiler in excess of the rate of 0.4 pounds per million Btu of heat input.

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

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

Compliance with this requirement specified in this streamline permit condition assures compliance with the provisions specified in the S.I.P. approved SO₂ limits found in 40 CFR 52.202(c)(1).

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

In accordance with RACT Operating Permit No. 65-000-137, Condition No.7, NO_x emissions from this boiler shall not exceed 14.3 tons in any 12 consecutive month period.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.**# 004 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

At a minimum, the permittee shall verify particulate matter emission rates using the most current AP-42 emission factors in conjunction with fuel usage records.

005 [25 Pa. Code §127.511]**Monitoring and related recordkeeping and reporting requirements.**

At a minimum, the permittee shall verify SO₂ emission rates using the most current AP-42 emission factors in conjunction with fuel usage records.

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

The company shall maintain 12 month rolling records of NO_x emissions from this boiler and maintain on site for a minimum of five years and shall be made available to the Department upon request.

**SECTION D. Source Level Requirements****# 007 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

The Owner/Operator shall maintain records containing at a minimum:

- i) a Certification of sulfur content from the fuel supplier or
- ii) a Certification from the fuel supplier verifying the natural gas used is pipeline grade gas or from a public utility.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

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

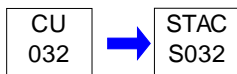
**SECTION D. Source Level Requirements**

Source ID: 032

Source Name: BOILER #2

Source Capacity/Throughput: 26.100 MMBTU/HR

Conditions for this source occur in the following groups: 2. RACT III
>20 MMBTU/HR

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.11]****Combustion units**

The permittee shall not permit the emission into the outdoor atmosphere of particulate matter from this boiler in excess of the rate of 0.4 pounds per million Btu of heat input.

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

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

Compliance with this requirement specified in this streamline permit condition assures compliance with the provisions specified in the S.I.P. approved SO₂ limits found in 40 CFR 52.202(c)(1).

003 [25 Pa. Code §127.411]**Content of applications.**

In accordance with RACT Operating Permit No. 65-000-137, Condition No.7, NO_x emissions from this boiler shall not exceed 14.3 tons in any 12 consecutive month period.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.**# 004 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

At a minimum, the permittee shall verify particulate matter emission rates using the most current AP-42 emission factors in conjunction with fuel usage records.

005 [25 Pa. Code §127.511]**Monitoring and related recordkeeping and reporting requirements.**

At a minimum, the permittee shall verify SO₂ emission rates using the most current AP-42 emission factors in conjunction with fuel usage records.

IV. RECORDKEEPING REQUIREMENTS.**# 006 [25 Pa. Code §127.411]****Content of applications.**

The company shall maintain 12 month rolling records of NO_x emissions from this boiler and maintain on site for a minimum of five years and shall be made available to the Department upon request.

**SECTION D. Source Level Requirements****# 007 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

The Owner/Operator shall maintain records containing at a minimum:

- i) a Certification of sulfur content from the fuel supplier or
- ii) a Certification from the fuel supplier verifying the natural gas used is pipeline grade gas or from a public utility.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

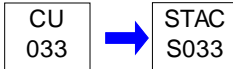
***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

Source ID: 033

Source Name: BOILER #3

Source Capacity/Throughput: 6.940 MMBTU/HR

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

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

The Owner/Operator shall maintain records containing at a minimum a Certification from the fuel supplier verifying the natural gas used is pipeline grade gas or from a public utility.

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

The permittee shall operate, and maintain Source ID 033 in accordance with the manufacturer's specifications, the manufacturer's recommended maintenance schedules, good housekeeping, monitoring the emission sources, record keeping, and good air pollution and engineering practices to minimize fugitive emissions.

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

The opacity of the exhaust emissions and other parameters associated with Source ID 033 shall show that the source is operating in conformance with good air pollution control practices.

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. *****

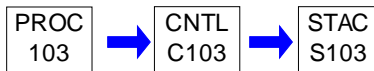
**SECTION D. Source Level Requirements**

Source ID: 103

Source Name: Z-8 MILL

Source Capacity/Throughput:

35.000 Tons/HR

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

In accordance with Operating Permit No. 65-307-062A, Condition No.6, the outlet particulate matter emission rate from the fiber bed filter shall not exceed 10.5 lb./hr. and 0.02 gr./DSCF.

Compliance with this requirement specified in this streamline permit condition assures compliance with the provisions specified in the S.I.P. approved particulate matter emission limits of 0.04 gr./DSCF, found in Pa. Code Title 25, Ch. 123.13(c)(1).

II. TESTING REQUIREMENTS.**# 002 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

The permittee shall conduct a stack test for emissions of particulate matter and VOC's for this source, no less often than once every 5 years.

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

In accordance with Operating Permit No. 65-307-062A, Condition No.5, the permittee shall install, calibrate, maintain and operate monitoring devices to continuously measure the pressure differential of the gas stream across the fiber bed filter. Pressure differential readings shall be measured and recorded, at a minimum, once per day.

004 [40 CFR Part 64 Compliance Assurance Monitoring for Major Stationary Sources §40 CFR 64.2]**Sections of PART 64****Applicability**

For Compliance Assurance Monitoring (CAM), the permittee will monitor oil mist eliminator differential pressure and monitor for the presence of visible emissions from the exhaust to demonstrate a reasonable assurance that the oil mist eliminator controls particulate matter to levels in compliance with the emissions restrictions in this permit.

1. Indicator: Oil Mist Eliminator Differential Pressure

(a) Measurement Approach:

Differential pressure (DP) from the oil mist eliminator (candle filter) shall be monitored.

(b) Indicator Range:

DP shall be maintained \leq 17 inches, w.c. Excursions will trigger an internal inspection and corrective actions.

(c) Performance Criteria:

(i) Data Representativeness: Daily DP monitoring; DP values \leq 17 inches w.c. indicate that the oil mist eliminator is operating properly.

(ii) Verification of Operational Status: Upon observation of abnormal DP at the mist eliminator, an inspection shall be



SECTION D. Source Level Requirements

conducted and repairs made if necessary.

(iii) QA/QC practices and Criteria: Actual DP values will be compared to desired values.

(iv) Monitoring Frequency: Daily when the cold rolling mill is operating

(v) Data Collection Procedures: DP shall be recorded each day. DP records shall be maintained onsite for a minimum of 5-years and shall be made available to the Department upon request.

(vi) Averaging Period: Not applicable.

2. Indicator: Visible Emissions Monitoring

(a) Measurement Approach:

Stack exhaust will be observed on a routine basis to determine if visible emissions are present.

(b) Indicator Range:

Exhaust condition will be determined to be "normal" (abnormal visible emissions are not present) or "abnormal" (abnormal visible emission are present). An "abnormal" observation will trigger an internal inspection and corrective actions.

(c) Performance Criteria:

(i) Data Representativeness: Stack exhaust observations will be performed when the cold rolling mill is operating during daylight hours. The stack exhaust condition will be recorded and each value will be compared to the acceptable range. A "normal" observation indicates that the mist eliminator is operating properly.

(ii) Verification of Operational Status: Upon completion of an "abnormal" observation, an inspection shall be conducted and repairs made if necessary.

(iii) QA/QC Practices and Criteria: The personnel conducting the stack exhaust observations shall be trained in observing normal stack conditions.

(iv) Monitoring Frequency: Weekly observations will be performed. Routine observations are currently performed at this frequency and have proven to be reasonable and adequately demonstrate that the oil mist eliminator is operating properly. This approach routinely verifies that abnormal visible emissions are not present and reasonably justifies that particulate matter emissions are not exceeding the limitation.

(v) Data Collection Procedures: Observation records are documented on a log sheet and shall be maintained for a minimum of 5-years. Records shall be made available to the Department upon request.

(vi) Averaging Period: Not applicable.

IV. RECORDKEEPING REQUIREMENTS.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

In accordance with Operating Permit No. 65-307-062A, Condition No.8, records of all measurements shall be retained for at least five years and made available to the Department upon request.

V. REPORTING REQUIREMENTS.

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

**SECTION D. Source Level 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: 108

Source Name: 66" TEMPER MILL

Source Capacity/Throughput:

25.000 Tons/HR

PROC
108STAC
Z108**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

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

**SECTION D. Source Level Requirements**

Source ID: 111

Source Name: PARTS CLEANERS

Source Capacity/Throughput:

I. RESTRICTIONS.**Emission Restriction(s).****# 001 [25 Pa. Code §129.63]****Degreasing operations****(a) Cold cleaning machines.**

(1) Immersion cold cleaning machines shall have a freeboard ratio of 0.50 or greater.

(2) Immersion cold cleaning machines and remote reservoir cold cleaning machines shall:

(i) Have a permanent, conspicuous label summarizing the operating requirements in paragraph (3). In addition, the label shall include the following discretionary good operating practices:

(A) 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.

(B) 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.

(C) Work area fans should be located and positioned so that they do not blow across the opening of the degreaser unit.

(ii) Be equipped with a cover that shall be closed at all times except during cleaning of parts or the addition or removal of solvent. For remote reservoir cold cleaning machines which drain directly into the solvent storage reservoir, a perforated drain with a diameter of not more than 6 inches shall constitute an acceptable cover.

(3) Cold cleaning machines shall be operated in accordance with the following procedures:

(i) 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.

(ii) 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.

(iii) Sponges, fabric, wood, leather, paper products and other absorbent materials may not be cleaned in the cold cleaning machine.

(iv) Air agitated solvent baths may not be used.

(v) Spills during solvent transfer and use of the cold cleaning machine shall be cleaned up immediately.

(4) After December 22, 2002, 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.

(5) On and after December 22, 2002, a person who sells or offers for sale any solvent containing VOCs for use in a cold cleaning machine shall provide, to the purchaser, the following written information:

(i) The name and address of the solvent supplier.

(ii) The type of solvent including the product or vendor identification number.

(iii) The vapor pressure of the solvent measured in mm hg at 20°C (68°F).

(6) A person who operates a cold cleaning machine shall maintain for at least 2 years and shall provide to the Department, on request, the information specified in paragraph (5). An invoice, bill of sale, certificate that corresponds to a number of sales, Material Safety Data Sheet (MSDS), or other appropriate documentation acceptable to the Department may be used to comply with this section.

(7) Paragraph (4) does not apply:

(i) To cold cleaning machines used in extreme cleaning service.

(ii) If the owner or operator of the cold cleaning machine demonstrates, and the Department approves in writing, that compliance with paragraph (4) will result in unsafe operating conditions.

(iii) To immersion cold cleaning machines with a freeboard ratio equal to or greater than 0.75.

II. TESTING REQUIREMENTS.

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



SECTION D. Source Level Requirements

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

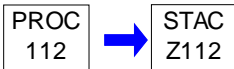
***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

Source ID: 112

Source Name: COOLING TOWER #1

Source Capacity/Throughput: 70.000 Th Gal/HR WATER

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

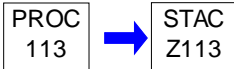
***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

Source ID: 113

Source Name: PAVED ROADWAYS

Source Capacity/Throughput: 10.000 Miles/HR

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

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

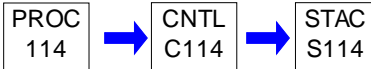
**SECTION D. Source Level Requirements**

Source ID: 114

Source Name: Z-9 MILL

Source Capacity/Throughput:

35.000 Tons/HR

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

In accordance with Plan Approval No. PA 65-137A, Condition No.5, the Sendzimer mill, Z-9, shall not exceed 8664 hours of operation in any 12 consecutive months. Records demonstrating compliance with this condition shall be kept on site for a period of five (5) years and be made available to the Department upon request.

002 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

In accordance with Plan Approval No. PA 65-137A, Condition No.4, the permittee shall not permit the emission into the outdoor atmosphere, a particulate matter emission rate from this source that exceeds 0.02 gr./DSCF, 3.7 lb./hr. or 16.2 tons/year.

Compliance with this condition ensures compliance with the applicable particulate matter emission standard of 0.04 gr./DSCF as established in 25 Pa. Code Ch. 123.13.

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

The permittee shall conduct a stack test for particulate matter and VOC's for this source, no less often than once every 5 years.

III. MONITORING REQUIREMENTS.**# 004 [40 CFR Part 64 Compliance Assurance Monitoring for Major Stationary Sources §40 CFR 64.2]****Sections of PART 64****Applicability**

For Compliance Assurance Monitoring (CAM), the permittee will monitor oil mist eliminator differential pressure and monitor for the presence of visible emissions from the exhaust to demonstrate a reasonable assurance that the mist eliminator controls particulate matter to levels in compliance with the emissions restrictions in this permit.

1. Indicator: Oil Mist Eliminator Differential Pressure

(a) Measurement Approach:

Differential pressure (DP) from the oil mist eliminator (candle filter) shall be monitored.

(b) Indicator Range:

DP shall be maintained \leq 17 inches, w.c. Excursions will trigger an internal inspection and corrective actions.

(c) Performance Criteria:

(i) Data Representativeness: Daily DP monitoring; DP values \leq 17 inches w.c. indicate that the oil mist eliminator is operating properly.

**SECTION D. Source Level Requirements**

- (ii) Verification of Operational Status: Upon observation of abnormal DP at the mist eliminator, an inspection shall be conducted and repairs made if necessary.
- (iii) QA/QC practices and Criteria: Actual DP values will be compared to desired values.
- (iv) Monitoring Frequency: Daily when the cold rolling mill is operating
- (v) Data Collection Procedures: DP shall be recorded each day. DP records shall be maintained onsite for a minimum of 5-years and shall be made available to the Department upon request.
- (vi) Averaging Period: Not applicable.

2. Indicator: Visible Emissions Monitoring**(a) Measurement Approach:**

Stack exhaust will be observed on a routine basis to determine if visible emissions are present.

(b) Indicator Range:

Exhaust condition will be determined to be "normal" (abnormal visible emissions are not present) or "abnormal" (abnormal visible emission are present). An "abnormal" observation will trigger an internal inspection and corrective actions.

(c) Performance Criteria:

- (i) Data Representativeness: Stack exhaust observations will be performed when the cold rolling mill is operating during daylight hours. The stack exhaust condition will be recorded and each value will be compared to the acceptable range. A "normal" observation indicates that the mist eliminator is operating properly.
- (ii) Verification of Operational Status: Upon completion of an "abnormal" observation, an inspection shall be conducted and repairs made if necessary.
- (iii) QA/QC Practices and Criteria: The personnel conducting the stack exhaust observations shall be trained in observing normal stack conditions.
- (iv) Monitoring Frequency: Weekly observations will be performed. Routine observations are currently performed at this frequency and have proven to be reasonable and adequately demonstrate that the mist eliminator is operating properly. This approach routinely verifies that abnormal visible emissions are not present and reasonably justifies that particulate matter emissions are not exceeding the limitation.
- (v) Data Collection Procedures: Observation records are documented on a log sheet and shall be maintained for a minimum of 5-years. Records shall be made available to the Department upon request.
- (vi) Averaging Period: Not applicable.

IV. RECORDKEEPING REQUIREMENTS.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The company shall maintain records of particulate matter emissions from this source and maintain on site for a minimum of five years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

**SECTION D. Source Level 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: 115

Source Name: COOLING TOWER #2

Source Capacity/Throughput:

96.000 Th Gal/HR

WATER

PROC
115STAC
Z115**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

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

**SECTION D. Source Level Requirements**

Source ID: 115A

Source Name: COOLING TOWER #2A

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.

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: 116

Source Name: MISCELLANEOUS SPACE HEATERS

Source Capacity/Throughput:

90.000 MCF/HR

Natural Gas

Conditions for this source occur in the following groups: 1. RACT III

PROC
116STAC
Z116**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.11]****Combustion units**

(a) A person may not permit the emission into the outdoor atmosphere of particulate matter from a combustion unit in excess of the following:

(1) The rate of 0.4 pound per million Btu of heat input, when the heat input to the combustion unit in millions of Btus per hour is greater than 2.5 but less than 50.

002 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

No person may permit the emission from the exhaust of each space heater into the outdoor atmosphere in a manner that the concentration of the sulfur oxides (SOX), expressed as SO₂, 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) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

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

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

The Owner/Operator shall maintain records of all natural gas and fuel oil utilized in these space heaters.

004 [25 Pa. Code §127.511]**Monitoring and related recordkeeping and reporting requirements.**

The Owner/Operator shall maintain records containing at a minimum:

- i) a Certification of sulfur content from the fuel supplier or
- ii) a Certification from the fuel supplier verifying the natural gas used is pipeline grade gas or from a public utility.

**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) and/or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

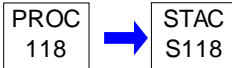
***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

Source ID: 118

Source Name: STANDBY GENERATOR (410 KW)

Source Capacity/Throughput:

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

Source ID 118 shall not exceed the following annual emissions limits on a 12-month rolling basis:

- PM10: 0.009 tpy
- PM2.5: 0.009 tpy
- NOx: 0.34 tpy

002 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

Per the BAT determination of meeting Tier 3 emission Standards, the permittee shall meet the emission standards below, which originate from 40 CFR Part 89.112:

a) Exhaust emission from engines shall not exceed the applicable exhaust emission standards contained in Table 1, as follows (g/kW-hr):

Table 1. – Emission Standards (g/kW-hr)

	Tier	Model Year	NOx	HC	NMHC + NOX	CO	PM
225 = kW = 450	Tier 3	2006	-	-	4.0	3.5	0.20

1 The model years listed indicate the model years for which the specified tier of standards take effect.

(b) Exhaust emissions of oxides of nitrogen, carbon monoxide, hydrocarbon, and nonmethane hydrocarbon are measured using the procedures set forth in subpart E of this part.

(c) Exhaust emission of particulate matter is measured using the California Regulations for New 1996 and Later Heavy-Duty Off-Road Diesel Cycle Engines. This procedure is incorporated by reference. See §89.6.

(d) In lieu of the NOX standards, NMHC + NOX standards, and PM standards specified in paragraph (a) of this section, manufacturers may elect to include engine families in the averaging, banking, and trading program, the provisions of which are specified in subpart C of this part. The manufacturer must set a family emission limit (FEL) not to exceed the levels contained in Table 2. The FEL established by the manufacturer serves as the standard for that engine family. Table 2 follows:

Table 2. – Upper Limit for Family Emission Limits (g/kW-hr)

	Tier	Model Year	NOx FEL	NMHC + NOX FEL	PM FEL
225 = kW = 450	Tier 3	2006	-	6.4	0.54

1 The model years listed indicate the model years for which the specified tier of standards take effect.

(e) Naturally aspirated engines shall not discharge crankcase emissions into the ambient atmosphere, unless such crankcase emissions are permanently routed into the exhaust and included in all exhaust emission measurements. This provision applies to all Tier 2 engines and later models. This provision does not apply to engines using turbochargers, pumps, blowers, or superchargers for air induction.

003 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4205]**Subpart III - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines****What emission standards must I meet for emergency engines if I am an owner or operator of a stationary CI internal co**

(a) Owners and operators of pre-2007 model year emergency stationary CI ICE with a displacement of less than 10 liters per cylinder that are not fire pump engines must comply with the emission standards in Table 1 to this subpart. Owners and operators of pre-2007 model year emergency stationary CI ICE with a displacement of greater than or equal to 10 liters per cylinder and less than 30 liters per cylinder that are not fire pump engines must comply with the emission standards in

**SECTION D. Source Level Requirements**

40 CFR 94.8(a)(1).

(b) Owners and operators of 2007 model year and later emergency stationary CI ICE with a displacement of less than 30 liters per cylinder that are not fire pump engines must comply with the emission standards for new nonroad CI engines in §60.4202, for all pollutants, for the same model year and maximum engine power for their 2007 model year and later emergency stationary CI ICE.

(c) Owners and operators of fire pump engines with a displacement of less than 30 liters per cylinder must comply with the emission standards in table 4 to this subpart, for all pollutants.

(d) Owners and operators of emergency stationary CI engines with a displacement of greater than or equal to 30 liters per cylinder must meet the requirements in this section.

(1) N/A

(2) For engines installed on or after January 1, 2012, limit the emissions of NOX in the stationary CI internal combustion engine exhaust to the following:

(i) 14.4 g/KW-hr (10.7 g/HP-hr) when maximum engine speed is less than 130 rpm;

(ii) $44 \cdot n - 0.23$ g/KW-hr ($33 \cdot n - 0.23$ g/HP-hr) when maximum engine speed is greater than or equal to 130 but less than 2,000 rpm and where n is maximum engine speed; and (iii) 7.7 g/KW-hr (5.7 g/HP-hr) when maximum engine speed is greater than or equal to 2,000 rpm.

(3) Limit the emissions of PM in the stationary CI internal combustion engine exhaust to 0.40 g/KW-hr (0.30 g/HP-hr).

(e) Owners and operators of emergency stationary CI ICE with a displacement of less than 30 liters per cylinder who conduct performance tests in-use must meet the NTE standards as indicated in §60.4212.

(f) Owners and operators of any modified or reconstructed emergency stationary CI ICE subject to this subpart must meet the emission standards applicable to the model year, maximum engine power, and displacement of the modified or reconstructed CI ICE that are specified in paragraphs (a) through (e) of this section.

004 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4206]**Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines****How long must I meet the emission standards if I am an owner or operator of a stationary CI internal combustion engine**

Owners and operators of stationary CI ICE must operate and maintain stationary CI ICE that achieve the emission standards as required in §§60.4204 and 60.4205 over the entire life of the engine.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

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

The Owner/Operator shall maintain hours of operations documentation of the emergency generator for a minimum of five years.

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

The Owner/Operator shall maintain records, for a minimum of five years, containing at a minimum a certification of sulfur content from the fuel supplier.

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

**SECTION D. Source Level Requirements**

The Owner/Operator shall maintain records of all diesel fuel utilized in the emergency generator for a minimum of five years.

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.**

Source 118 shall not operate for more than 100 hours on a 12-month rolling basis. There is no time limit on the use of emergency stationary internal combustion engines in emergency situations.

009 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The opacity of the exhaust emissions and other parameters associated with Source ID 118 shall show that the source is operating in conformance with good air pollution control practices.

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

The permittee shall construct, operate, and maintain Source ID 118 authorized under this Plan Approval in accordance with the manufacturer's specifications, the manufacturer's recommended maintenance schedules, good housekeeping, monitoring the emission sources, record keeping, and good air pollution and engineering practices to minimize fugitive emissions.

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

Source 118 is an affected facility for purposes of 40 CFR Part 60, Subpart IIII, Standards of Performance for Stationary Compression Ignition Internal Combustion Engines. Owner/Operator shall comply with all applicable requirements of 40 CFR §§ 60.4200 through 60.4219, including Tables.

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

Source 118 is an affected facility for purposes of 40 CFR Part 63, Subpart ZZZZ, National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (RICE) located at major and area sources of HAP emissions (as defined in § 63.6585). Owner/Operator shall comply with all applicable requirements of 40 CFR §§ 63.6580 through 63.6675, including Tables and Appendices.

013 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4200]**Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines****Am I subject to this subpart?**

a) The provisions of this subpart are applicable to manufacturers, owners, and operators of stationary compression ignition (CI) internal combustion engines (ICE) and other persons as specified in paragraphs (a)(1) through (4) of this section. For the purposes of this subpart, the date that construction commences is the date the engine is ordered by the owner or operator.

1) Manufacturers of stationary CI ICE with a displacement of less than 30 liters per cylinder where the model year is:

(i) 2007 or later, for engines that are not fire pump engines;

(ii) The model year listed in Table 3 to this subpart or later model year, for fire pump engines.

(2) Owners and operators of stationary CI ICE that commence construction after July 11, 2005, where the stationary CI ICE are:

**SECTION D. Source Level Requirements**

- (i) Manufactured after April 1, 2006, and are not fire pump engines, or
- (ii) Manufactured as a certified National Fire Protection Association (NFPA) fire pump engine after July 1, 2006.
- (3) Owners and operators of any stationary CI ICE that are modified or reconstructed after July 11, 2005 and any person that modifies or reconstructs any stationary CI ICE after July 11, 2005.
- (4) The provisions of §60.4208 of this subpart are applicable to all owners and operators of stationary CI ICE that commence construction after July 11, 2005.
- (b) The provisions of this subpart are not applicable to stationary CI ICE being tested at a stationary CI ICE test cell/stand.
- (c) If you are an owner or operator of an area source subject to this subpart, you are exempt from the obligation to obtain a permit under 40 CFR part 70 or 40 CFR part 71, provided you are not required to obtain a permit under 40 CFR 70.3(a) or 40 CFR 71.3(a) for a reason other than your status as an area source under this subpart. Notwithstanding the previous sentence, you must continue to comply with the provisions of this subpart applicable to area sources.
- (d) Stationary CI ICE may be eligible for exemption from the requirements of this subpart as described in 40 CFR part 1068, subpart C (or the exemptions described in 40 CFR part 89, subpart J and 40 CFR part 94, subpart J, for engines that would need to be certified to standards in those parts), except that owners and operators, as well as manufacturers, may be eligible to request an exemption for national security.
- (e) Owners and operators of facilities with CI ICE that are acting as temporary replacement units and that are located at a stationary source for less than 1 year and that have been properly certified as meeting the standards that would be applicable to such engine under the appropriate nonroad engine provisions, are not required to meet any other provisions under this subpart with regard to such engines.

014 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6590]**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What parts of my plant does this subpart cover?**

This subpart applies to each affected source.

(a) Affected source. An affected source is any existing, new, or reconstructed stationary RICE located at a major or area source of HAP emissions, excluding stationary RICE being tested at a stationary RICE test cell/stand.

(1) N/A

(2) N/A

(3) N/A

(b) Stationary RICE subject to limited requirements. (1) N/A

(3) The following stationary RICE do not have to meet the requirements of this subpart and of subpart A of this part, including initial notification requirements:

(c) Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines. No further requirements apply for such engines under this part.

(1) A new or reconstructed stationary RICE located at an area source;

(2) N/A

(3) N/A

(4) N/A

(5) N/A

(6) N/A

(7) N/A

*** Permit Shield in Effect. ***

**SECTION D. Source Level Requirements**

Source ID: 120A

Source Name: 90 LINE ANNEALING FURNACES

Source Capacity/Throughput:

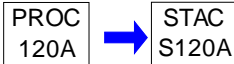
50.500 MCF/HR

Natural Gas

40.000 Tons/HR

STEEL

Conditions for this source occur in the following groups: #90 A/P LINE
3. RACT III
>20 MMBTU/HR

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

In accordance with 25 Pa. Code Ch.123.13(c)(1), the permittee shall 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 grains per dry standard cubic foot.

002 [25 Pa. Code §123.21]**General**

The permittee shall not permit the emission into the outdoor atmosphere of sulfur oxides from the pickle line heat treating furnaces in a manner that the concentration of the sulfur oxides, expressed as SO₂, in the effluent gas exceeds 500 parts per million, by volume, dry basis.

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

The permittee shall conduct a stack test for emissions of NO_x for this source, no less often than once every 5 years.

III. MONITORING REQUIREMENTS.**# 004 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

At a minimum, the permittee shall verify particulate matter emission rates using the most recent AP-42 emission factors, along with fuel usage records or other methods with prior approval from the Department.

005 [25 Pa. Code §127.511]**Monitoring and related recordkeeping and reporting requirements.**

At a minimum, the permittee shall verify SO₂ emission rates using the most recent periodic monitoring data and/or AP-42 emission factors in conjunction with fuel usage records.

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

The permittee shall maintain records of natural gas usage on a monthly basis for this furnace.

V. REPORTING REQUIREMENTS.

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

**SECTION D. Source Level Requirements****VI. WORK PRACTICE REQUIREMENTS.**

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

VII. ADDITIONAL REQUIREMENTS.

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

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

**SECTION D. Source Level Requirements**

Source ID: 120B

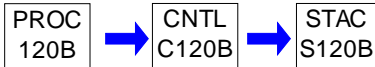
Source Name: 90 LINE SHOTBLAST

Source Capacity/Throughput:

40.000 Tons/HR

STEEL

Conditions for this source occur in the following groups: #90 A/P LINE

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.**# 001 [40 CFR Part 64 Compliance Assurance Monitoring for Major Stationary Sources §40 CFR 64.2]****Sections of PART 64****Applicability**

For Compliance Assurance Monitoring (CAM), the permittee will monitor baghouse differential pressure and monitor for the presence of visible emissions from the exhaust to demonstrate a reasonable assurance that the baghouse controls particulate matter to levels in compliance with the emissions restrictions in this permit.

1. Indicator: Baghouse Differential Pressure**(a) Measurement Approach:**

Differential pressure (DP) from the baghouse shall be monitored.

(b) Indicator Range:

DP shall be maintained less than or equal to 12 inches, w.c. Excursions will trigger an internal inspection and corrective actions.

(c) Performance Criteria:

(i) Data Representativeness: Daily DP monitoring; DP values less than or equal to 12 inches w.c. indicate that the baghouse is operating properly.

(ii) Verification of Operational Status: Upon observation of abnormal DP at the baghouse, an inspection shall be conducted and repairs made if necessary.

(iii) QA/QC practices and Criteria: Actual DP values will be compared to desired values.

(iv) Monitoring Frequency: Daily when the shot blaster baghouse is operating

(v) Data Collection Procedures: DP shall be recorded each day. DP records shall be maintained onsite for a minimum of 5-years and shall be made available to the Department upon request.

(vi) Averaging Period: Not applicable.

2. Indicator: Visible Emissions Monitoring**(a) Measurement Approach:**

Stack exhaust will be observed on a routine basis to determine if visible emissions are present.

**SECTION D. Source Level Requirements****(b) Indicator Range:**

Exhaust condition will be determined to be “normal” (abnormal visible emissions are not present) or “abnormal” (abnormal visible emission are present). An “abnormal” observation will trigger an internal inspection and corrective actions.

(c) Performance Criteria:

(i) Data Representativeness: Stack exhaust observations will be performed when the shot blast baghouse is operating during daylight hours. The stack exhaust condition will be recorded and each value will be compared to the acceptable range. A “normal” observation indicates that the baghouse is operating properly.

(ii) Verification of Operational Status: Upon completion of an “abnormal” observation, an inspection shall be conducted and if necessary, the baghouse/compartment will be isolated or shut down for repairs.

(iii) QA/QC Practices and Criteria: The personnel conducting the stack exhaust observations shall be trained in observing normal stack conditions.

(iv) Monitoring Frequency: Weekly observations will be performed. Routine observations are currently performed at this frequency and have proven to be reasonable and adequately demonstrate that the baghouse is operating properly. This approach routinely verifies that abnormal visible emissions are not present and reasonably justifies that particulate matter emissions are not exceeding the limitation.

(v) Data Collection Procedures: Observation records are documented on a log sheet and shall be maintained for a minimum of 5-years. Records shall be made available to the Department upon request.

(vi) Averaging Period: Not applicable.

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

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

In accordance with Operating Permit No. 65-307-063, Condition No. 3, during the collection and retrieval of material from the baghouse hopper, the permittee shall implement and maintain a program to seal the area between the hopper and the collection container. This must be done to prevent material from becoming airborne during discharge.

VII. ADDITIONAL REQUIREMENTS.

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

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

**SECTION D. Source Level Requirements**

Source ID: 120C

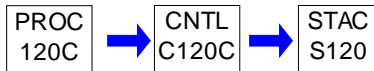
Source Name: 90 LINE H2SO4 PICKLING

Source Capacity/Throughput:

40.000 Tons/HR

STEEL

Conditions for this source occur in the following groups: #90 A/P LINE

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

In accordance with 25 Pa. Code Ch.123.13(c)(1), the permittee shall 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 grains per dry standard cubic foot.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.**# 002 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

At a minimum, the permittee shall verify particulate matter emission rates using the most recent AP-42 emission factor and/or stack testing data, along with steel throughput records or other methods with prior approval from the Department.

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

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

**SECTION D. Source Level Requirements**

Source ID: 120D

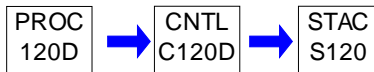
Source Name: 90 LINE HF/HNO3 PICKLING

Source Capacity/Throughput:

40.000 Tons/HR

STEEL

Conditions for this source occur in the following groups: #90 A/P LINE
3. RACT III

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

In accordance with 25 Pa. Code Ch.123.13(c)(1), the permittee shall 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 grains per dry standard cubic foot.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.**# 002 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

At a minimum, the permittee shall verify particulate matter emission rates using the most recent AP-42 emission factor and/or stack testing data, along with steel throughput records or other methods with prior approval from the Department

003 [40 CFR Part 64 Compliance Assurance Monitoring for Major Stationary Sources §40 CFR 64.2]**Sections of PART 64****Applicability**

For Compliance Assurance Monitoring (CAM), the permittee will monitor mixed acid pickling fume scrubber differential pressure and monitor for the presence of visible emissions from the exhaust to demonstrate a reasonable assurance that the fume scrubber controls NOx to levels in compliance with the emissions restrictions in this permit.

1. Indicator: Fume Scrubber Differential Pressure

(a) Measurement Approach: Differential pressure (DP) from the fume scrubber shall be monitored.

(b) Indicator Range: DP shall be maintained less than or equal to 7 inches, w.c. Excursions will trigger an internal inspection and corrective actions.

(c) Performance Criteria:

(i) Data Representativeness: Daily DP monitoring; DP values less than or equal to 7 inches w.c. indicate that the fume scrubber is operating properly.

(ii) Verification of Operational Status: Upon observation of abnormal DP at the fume scrubber, an inspection shall be conducted, and repairs made if necessary.

(iii) QA/QC practices and Criteria: Actual DP values will be compared to desired values.

(iv) Monitoring Frequency: Daily when the No. 90 A&P Line is operating

(v) Data Collection Procedures: DP shall be recorded each day. DP records shall be maintained onsite for a minimum of 5-years and shall be made available to the Department upon request.

(vi) Averaging Period: Not applicable.



SECTION D. Source Level Requirements

2. Indicator: Visible Emissions Monitoring

(a) Measurement Approach: Stack exhaust will be observed on a routine basis to determine if visible emissions are present.

(b) Indicator Range: Exhaust condition will be determined to be "normal" (abnormal visible emissions are not present) or "abnormal" (abnormal visible emissions are present). An "abnormal" observation will trigger an internal inspection and corrective actions.

(c) Performance Criteria:

(i) Data Representativeness: Stack exhaust observations will be performed when the No. 90 A&P Line is operating during daylight hours. The stack exhaust condition will be recorded, and each value will be compared to the acceptable range. A "normal" observation indicates that the fume scrubber is operating properly.

(ii) Verification of Operational Status: Upon completion of an "abnormal" observation, an inspection shall be conducted, and repairs made if necessary.

(iii) QA/QC Practices and Criteria: The personnel conducting the stack exhaust observations shall be trained in observing normal stack conditions.

(iv) Monitoring Frequency: Weekly observations will be performed. Routine observations are currently performed at this frequency and have proven to be reasonable and adequately demonstrate that the mist eliminator is operating properly. This approach routinely verifies that abnormal visible emissions are not present and reasonably justifies that particulate matter emissions are not exceeding the limitation.

(v) Data Collection Procedures: Observation records are documented on a log sheet and shall be maintained for a minimum of 5-years. Records shall be made available to the Department upon request.

(vi) Averaging Period: Not applicable.

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

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

**SECTION D. Source Level Requirements**

Source ID: 120E

Source Name: 90 LINE STRIP DRYER

Source Capacity/Throughput:

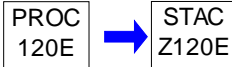
1.300 MCF/HR

Natural Gas

40.000 Tons/HR

STEEL

Conditions for this source occur in the following groups: 1. RACT III

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

In accordance with 25 Pa. Code Ch.123.13(c)(1), the permittee shall 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 grains per dry standard cubic foot.

002 [25 Pa. Code §123.21]**General**

The permittee shall not permit the emission into the outdoor atmosphere of sulfur oxides from the pickle line strip dryer in a manner that the concentration of the sulfur oxides, expressed as SO₂, 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) and/or Section E (Source Group Restrictions).

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

At a minimum, the permittee shall verify SO₂ emission rates using the most recent periodic monitoring data and/or AP-42 emission factors in conjunction with fuel usage records.

004 [25 Pa. Code §127.511]**Monitoring and related recordkeeping and reporting requirements.**

At a minimum, the permittee shall verify particulate matter emission rates using the most recent AP-42 emission factors, along with fuel usage records or other methods with prior approval from the Department.

IV. RECORDKEEPING REQUIREMENTS.**# 005 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

The permittee shall maintain records of natural gas usage on a monthly basis for this dryer.

V. REPORTING REQUIREMENTS.

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

**SECTION D. Source Level Requirements****VI. WORK PRACTICE REQUIREMENTS.**

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

VII. ADDITIONAL REQUIREMENTS.

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

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

**SECTION D. Source Level Requirements**

Source ID: 121A

Source Name: 91 LINE STRIP DRYERS (1 AND 2 COMBINED)

Source Capacity/Throughput:

2.600 MCF/HR

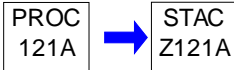
Natural Gas

35.000 Tons/HR

STEEL

Conditions for this source occur in the following groups: #91 A/P LINE

1. RACT III

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

In accordance with 25 Pa. Code Ch.123.13(c)(1), the permittee shall 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 grains per dry standard cubic foot.

002 [25 Pa. Code §123.21]**General**

The permittee shall not permit the emission into the outdoor atmosphere of sulfur oxides from the pickle line strip dryer in a manner that the concentration of the sulfur oxides, expressed as SO₂, 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) and/or Section E (Source Group Restrictions).

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

At a minimum, the permittee shall verify SO₂ emission rates using the most recent periodic monitoring data and/or AP-42 emission factors in conjunction with fuel usage records.

004 [25 Pa. Code §127.511]**Monitoring and related recordkeeping and reporting requirements.**

At a minimum, the permittee shall verify particulate matter emission rates using the most recent AP-42 emission factors, along with fuel usage records or other methods with prior approval from the Department.

IV. RECORDKEEPING REQUIREMENTS.**# 005 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

The permittee shall maintain records of natural gas usage on a monthly basis for this dryer.

V. REPORTING REQUIREMENTS.

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

**SECTION D. Source Level Requirements****VI. WORK PRACTICE REQUIREMENTS.**

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

VII. ADDITIONAL REQUIREMENTS.

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

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

**SECTION D. Source Level Requirements**

Source ID: 121B

Source Name: 91 LINE ANNEALING FURNACE

Source Capacity/Throughput:

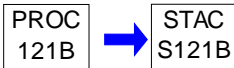
42.000 MCF/HR

Natural Gas

35.000 Tons/HR

STEEL

Conditions for this source occur in the following groups: #91 A/P LINE
2. RACT III
>20 MMBTU/HR

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

In accordance with 25 Pa. Code Ch.123.13(c)(1), the permittee shall 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 grains per dry standard cubic foot.

002 [25 Pa. Code §123.21]**General**

The permittee shall not permit the emission into the outdoor atmosphere of sulfur oxides from the pickle line heat treating furnaces in a manner that the concentration of the sulfur oxides, expressed as SO₂, 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) and/or Section E (Source Group Restrictions).

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

At a minimum, the permittee shall verify particulate matter emission rates using the most recent AP-42 emission factors, along with fuel usage records or other methods with prior approval from the Department.

004 [25 Pa. Code §127.511]**Monitoring and related recordkeeping and reporting requirements.**

At a minimum, the permittee shall verify SO₂ emission rates using the most recent periodic monitoring data and/or AP-42 emission factors in conjunction with fuel usage records.

IV. RECORDKEEPING REQUIREMENTS.**# 005 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

The permittee shall maintain records of natural gas usage on a monthly basis for this furnace.

V. REPORTING REQUIREMENTS.

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

**SECTION D. Source Level Requirements****VI. WORK PRACTICE REQUIREMENTS.**

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

VII. ADDITIONAL REQUIREMENTS.

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

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

**SECTION D. Source Level Requirements**

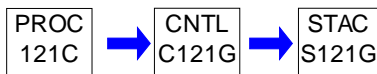
Source ID: 121C

Source Name: 91 LINE KOLENE DESCALING

Source Capacity/Throughput:

35.000 Tons/HR

Conditions for this source occur in the following groups: #91 A/P LINE
NO. 91 LINE

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

Visible emissions from Source 121C and its associated air cleaning device, C121C, shall not exceed 10% opacity at any time.

002 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The emissions from the Source 121C and its associated air cleaning device, C121C, shall not exceed:

- (1) 0.88 lb/hr of PM_{2.5}
- (2) 0.88 lb/hr of PM₁₀
- (3) 0.0003 lb/hr of chromium

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

The permittee shall conduct stack test periodically no less often than once every 5 years, for emissions of total chromium in accordance with the requirements of 25 Pa. Code §139. EPA Test Method 29 or an alternative test method approved by the Department shall be implemented. The frequency of periodic testing may be reduced by owner/operator request and Department approval.

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

The permittee shall continuously monitor the scrubber liquid flowrate and the pressure drop across the Viron Scrubber.

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

The presence of visible emissions shall be monitored at a minimum of once per day while operating during daylight hours.

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

The permittee shall maintain the following comprehensive and accurate records:

- (1) The scrubber liquid flowrate, in gpm, at a minimum of once per day while operating.
- (2) The pressure differential across the scrubber, in inches of water, at a minimum of once per day while operating.
- (3) The presence of visible emissions at a minimum of once per day while operating.

**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) and/or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The opacity of the exhaust emissions and other parameters associated with Source ID 121C and Source ID C121C shall show that the source is operating in conformance with good air pollution control practices.

VII. ADDITIONAL REQUIREMENTS.

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

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

**SECTION D. Source Level Requirements**

Source ID: 121E

Source Name: 91 LINE HF/HNO3 PICKLING

Source Capacity/Throughput:

35.000 Tons/HR

Conditions for this source occur in the following groups: #91 A/P LINE
3. RACT III

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

In accordance with 25 Pa. Code Ch.123.13(c)(1), the permittee shall 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 grains per dry standard cubic foot.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.**# 002 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

At a minimum, the permittee shall verify particulate matter emission rates using the most recent AP-42 emission factor and/or stack testing data, along with steel throughput records or other methods with prior approval from the Department.

003 [40 CFR Part 64 Compliance Assurance Monitoring for Major Stationary Sources §40 CFR 64.2]**Sections of PART 64****Applicability**

For Compliance Assurance Monitoring (CAM), the permittee will monitor the mixed acid pickling fume scrubber differential pressure and monitor for the presence of visible emissions from the exhaust to demonstrate a reasonable assurance that the fume scrubber controls NO_x to levels in compliance with the emissions restrictions in this permit.

1. Indicator: Fume Scrubber Differential Pressure

(a) Measurement Approach:

Differential pressure (DP) from the fume scrubber shall be monitored.

(b) Indicator Range:

DP shall be maintained less than or equal to 7 inches, w.c. Excursions will trigger an internal inspection and corrective actions.

(c) Performance Criteria:

(i) Data Representativeness: Daily DP monitoring; DP values less than or equal to 7 inches w.c. indicate that the fume scrubber is operating properly.

(ii) Verification of Operational Status: Upon observation of abnormal DP at the fume scrubber, an inspection shall be conducted and repairs made if necessary.



SECTION D. Source Level Requirements

- (iii) QA/QC practices and Criteria: Actual DP values will be compared to desired values.
- (iv) Monitoring Frequency: Daily when the No. 91 A&P Line is operating
- (v) Data Collection Procedures: DP shall be recorded each day. DP records shall be maintained onsite for a minimum of 5-years and shall be made available to the Department upon request.
- (vi) Averaging Period: Not applicable.

2. Indicator: Visible Emissions Monitoring

(a) Measurement Approach:

Stack exhaust will be observed on a routine basis to determine if visible emissions are present.

(b) Indicator Range:

Exhaust condition will be determined to be "normal" (abnormal visible emissions are not present) or "abnormal" (abnormal visible emission are present). An "abnormal" observation will trigger an internal inspection and corrective actions.

(c) Performance Criteria:

- (i) Data Representativeness: Stack exhaust observations will be performed when the No. 91 A&P Line is operating during daylight hours. The stack exhaust condition will be recorded, and each value will be compared to the acceptable range. A "normal" observation indicates that the fume scrubber is operating properly.
- (ii) Verification of Operational Status: Upon completion of an "abnormal" observation, an inspection shall be conducted and repairs made if necessary.
- (iii) QA/QC Practices and Criteria: The personnel conducting the stack exhaust observations shall be trained in observing normal stack conditions.
- (iv) Monitoring Frequency: Weekly observations will be performed. Routine observations are currently performed at this frequency and have proven to be reasonable and adequately demonstrate that the mist eliminator is operating properly. This approach routinely verifies that abnormal visible emissions are not present and reasonably justifies that particulate matter emissions are not exceeding the limitation.
- (v) Data Collection Procedures: Observation records are documented on a log sheet and shall be maintained for a minimum of 5-years. Records shall be made available to the Department upon request.
- (vi) Averaging Period: Not applicable.

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

**SECTION D. Source Level Requirements**

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

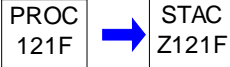
**SECTION D. Source Level Requirements**

Source ID: 121F

Source Name: NO. 91 LINE KOLENE HEATER

Source Capacity/Throughput: 8.000 MMBTU/HR

Conditions for this source occur in the following groups: NO. 91 LINE

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

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

The Owner/Operator shall maintain records of all natural gas utilized in this heater.

002 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The Owner/Operator shall maintain records containing at a minimum a Certification from the fuel supplier verifying the natural gas used is pipeline grade gas or from a public utility.

V. REPORTING REQUIREMENTS.

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

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

The opacity of the exhaust emissions and other parameters associated with Source ID 121F shall show that the source is operating in conformance with good air pollution control practices.

VII. ADDITIONAL REQUIREMENTS.

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

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

**SECTION D. Source Level Requirements**

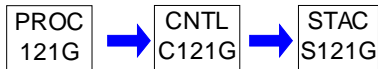
Source ID: 121G

Source Name: NO. 91 SULFURIC ACID PICKLING

Source Capacity/Throughput:

35.000 Tons/HR

Conditions for this source occur in the following groups: NO. 91 LINE

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

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID 121G shall not exceed the following annual emissions limits on a 12-month rolling basis:

- PM10: 0.51 tpy
- PM2.5: 0.51 tpy

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

At a minimum, the permittee shall verify particulate matter emission rates using source specific or other appropriate emission factors. The permittee shall develop and maintain a justification of why the submitted emission factors qualifies as representative for this source

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The opacity of the exhaust emissions and other parameters associated with Source ID 121G and Source ID C121G shall show that the source is operating in conformance with good air pollution control practices.

VII. ADDITIONAL REQUIREMENTS.

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

**SECTION D. Source Level Requirements**

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

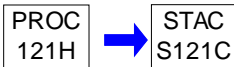
**SECTION D. Source Level Requirements**

Source ID: 121H

Source Name: NO. 91 LINE KOLENE DESCALING FUME SCRUBBER COOLING TOWER

Source Capacity/Throughput:

35.000 Tons/HR

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

The emissions from Source ID 121H shall not exceed the following emission limits on a 12-month rolling basis:

(1) 0.03 TPY of PM_{2.5}

(2) 0.03 TPY of PM₁₀

002 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The permittee shall install and maintain drift eliminators on Source ID 121H: No. 91 Line Kolene Descaling Fume Scrubber Cooling Tower with a manufacturer's guaranteed drift rate of less than 0.005% of the circulating water flow rate.

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

Total dissolved solids (TDS) from the cooling tower water shall not exceed 1,000 ppm.

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 sample, analyze, and record the circulating water TDS content every 6 months.

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

The permittee shall maintain comprehensive and accurate records of the circulating water TDS content every 6 months.

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).

**SECTION D. Source Level 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**

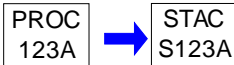
Source ID: 123A

Source Name: BRIGHT ANNEAL ALKALINE DEGREASING

Source Capacity/Throughput:

6.000 Tons/HR

Conditions for this source occur in the following groups: BRIGHT ANNEAL LINE

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

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID 123A shall not exceed the following annual emissions limits on a 12-month rolling basis:

- PM10: 0.80 tpy
- PM2.5: 0.80 tpy

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The opacity of the exhaust emissions and other parameters associated with Source ID 123A shall show that the source is operating in conformance with good air pollution control practices.

VII. ADDITIONAL REQUIREMENTS.

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

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

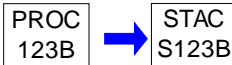
**SECTION D. Source Level Requirements**

Source ID: 123B

Source Name: BRIGHT ANNEAL FURNACE

Source Capacity/Throughput: 17.700 MMBTU/HR

Conditions for this source occur in the following groups: BRIGHT ANNEAL LINE

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

Source ID 123B shall not exceed the following annual emissions limits on a 12-month rolling basis:

- PM10: 1.41 tpy
- PM2.5: 1.41 tpy
- NOx: 11.63 tpy
- CO: 6.32 tpy

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

The permittee shall also conduct periodic tests for CO and NOx for this source no less often than once every 5 years. Portable analyzers approved by the Department may be implemented to perform the periodic tests in lieu of EPA test methods.

III. MONITORING REQUIREMENTS.

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

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

The company shall maintain 12 month rolling records of NOx and CO emissions from this source and maintain on site for a minimum of five years and shall be made available to the Department upon request.

004 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The permittee shall maintain records of natural gas usage on a monthly basis for Bright Anneal Furnace (Source ID 123B).

V. REPORTING REQUIREMENTS.

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

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

The opacity of the exhaust emissions and other parameters associated with Source ID 123B shall show that the source is operating in conformance with good air pollution control practices.

VII. ADDITIONAL REQUIREMENTS.

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

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

**SECTION D. Source Level Requirements**

Source ID: 124

Source Name: HOOD ANNEAL FURNACE

Source Capacity/Throughput:

3.600 MMBTU/HR

PROC
124STAC
Z124**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Source ID 124 shall not exceed the following annual emissions limits on a 12-month rolling basis:

- PM10: 0.12 tpy
- PM2.5: 0.12 tpy
- NOx: 1.53 tpy

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

At a minimum, the permittee shall verify particulate matter emission rates using source specific or other appropriate emission factors. The permittee shall develop and maintain a justification of why the submitted emission factors qualifies as representative for this source.

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

At a minimum, the permittee shall verify SO₂ emission rates using source specific or other appropriate emission factors. The permittee shall develop and maintain a justification of why the submitted emission factors qualifies as representative for this source.

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

The Owner/Operator shall maintain records of all natural gas utilized on a monthly basis in this furnace for a minimum of five years.

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

The Owner/Operator shall maintain records containing at a minimum a Certification from the fuel supplier verifying the natural gas used is pipeline grade gas or from a public utility.

V. REPORTING REQUIREMENTS.

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

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

The opacity of the exhaust emissions and other parameters associated with Source ID 124 shall show that the source is operating in conformance with good air pollution control practices.

VII. ADDITIONAL REQUIREMENTS.

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

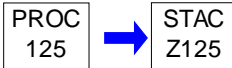
***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

Source ID: 125

Source Name: COOLING TOWER NO. 3

Source Capacity/Throughput:

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

The permittee shall install and maintain drift eliminators with a manufacturer's guaranteed drift rate of less than 0.005% of the circulating water flow rate.

002 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

Source ID 125 shall not exceed the following annual emissions limits on a 12-month rolling basis:

- PM10: 0.03 tpy
- PM2.5: 0.03 tpy

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

Total dissolved solids (TDS) of the cooling tower water shall not exceed 1,000 ppm.

VII. ADDITIONAL REQUIREMENTS.

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

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

**SECTION E. Source Group Restrictions.**

Group Name: #90 A/P LINE

Group Description: Annealing Furnaces and Pickling Sources

Sources included in this group

ID	Name
120A	90 LINE ANNEALING FURNACES
120B	90 LINE SHOTBLAST
120C	90 LINE H2SO4 PICKLING
120D	90 LINE HF/HNO3 PICKLING

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

In accordance with RACT Permit No. 65-000-137, Condition No.7, stack emission limits shall be established as follows:

- Nitrogen oxide (NOx) emissions from the pickle line shall not exceed 103 tons/year.
- Nitrogen oxide (NOx) emissions from the annealing furnace shall not exceed 26 tons/year.

002 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

In accordance with Operating Permit No. 65-307-064, Condition No.11, stack emission limits shall be established as follows:

- The outlet concentration of hydrofluoric acid (HF) shall not exceed 1 ppm
- The outlet concentration of nitric acid (HNO3) shall not exceed 8 ppm..
- Sulfuric Acid (H2SO4) emissions from shall not exceed 0.15 lb./hr.
- Visible emissions from the #90 line and its associated air cleaning devices shall not exceed an opacity of 20 percent.
- Odors from the #90 line and its associated air cleaning devices shall not be detectable beyond the property of the facility.

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

The permittee shall conduct stack testing for emissions of NOx, HF and HNO3 from this pickle line no less often than once every 5 years.

III. MONITORING REQUIREMENTS.

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

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

In accordance with Operating Permit No. 65-307-064, Condition No. 4, the permittee shall maintain a daily log of the operating hours for the #90 line and shall be made available to the Department upon request.

**SECTION E. Source Group Restrictions.****# 005 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

In accordance with Operating Permit No. 65-307-064, Condition No. 7, the permittee shall maintain a log of any malfunctions to the air cleaning devices and it shall be made available to the Department upon request.

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

The company shall maintain records of NO_x, HF, HNO₃, H₂SO₄ and particulate emissions from this source group and maintain on site for a minimum of five years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

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

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

In accordance with Operating Permit No. 65-307-064, Condition No. 6, at least once per day, while the subject equipment is in operation, the permittee shall conduct an inspection of the #90 line and its associated air cleaning devices. At a minimum, the permittee shall monitor and record the following information:

- a. the color of the scrubber plume;
- b. the pH of each stage of the three-stage cross flow scrubber.
- c. the ORP of the three-stage cross flow scrubber.
- d. the pressure drop of the three-stage cross flow scrubber.
- e. the flow rate of each stage of the three-stage cross flow scrubber.
- f. the pressure drop of the packed bed scrubber.
- g. the flow rate of the packed bed scrubber.

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

In accordance with Operating Permit No. 65-307-064, Condition No. 7, in the event of a malfunction to the air cleaning devices, the permittee shall promptly shut the source down. The permittee shall not restart the source until the air cleaning devices have been repaired and are functioning properly.

VII. ADDITIONAL REQUIREMENTS.

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

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

**SECTION E. Source Group Restrictions.**

Group Name: #91 A/P LINE

Group Description: Annealing furnace and pickling sources

Sources included in this group

ID	Name
121A	91 LINE STRIP DRYERS (1 AND 2 COMBINED)
121B	91 LINE ANNEALING FURNACE
121C	91 LINE KOLENE DESCALING
121E	91 LINE HF/HNO3 PICKLING

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

In accordance with Operating Permit No. 65-307-076, Condition No.4c, process-related odors from the #91 line and its associated air cleaning devices shall not be detectable beyond the property of the owner/operator.

002 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

In accordance with Operating Permit No. 65-307-076, Condition No.4g, HNO3 emissions at the outlet of the Tri-Mer four stage scrubber shall not exceed 0.3 lb./hr.

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

In accordance with Operating Permit No. 65-307-076, Condition No.4b, NOx emissions from the annealing furnace shall not exceed 6.0 lb./hr. and 24.9 tons in any consecutive 12 month period.

004 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

In accordance with Operating Permit No. 65-307-076, Condition No.4h, HF emissions at the outlet of the Tri-Mer four stage scrubber shall not exceed 0.1 lb./hr.

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

In accordance with Operating Permit No. 65-307-076, Condition No.4e, NOx emissions at the outlet of the Tri-Mer four stage scrubber shall not exceed 19.7 lb./hr. and 57.4 tons in any consecutive 12 month period.

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

The permittee shall conduct stack testing for emissions of NOx, HF, and HNO3 from the #91 Line Tri-Mer four stage scrubber exhaust no less often than once every 5 years.

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

In accordance with Operating Permit No. 65-307-076, Condition No.5d, the permittee shall maintain and operate monitoring devices on the single-stage packed bed scrubber that measure the following:

- (1) Pressure drop of gas stream across scrubber bed (w.g.).
- (2) Liquid flow rate (gpm).

**SECTION E. Source Group Restrictions.**

(3) Liquid line or nozzle pressure (psi).

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

In accordance with Operating Permit No. 65-307-076, Condition No.5c, the permittee shall maintain and operate monitoring devices on the Tri-Mer four-stage scrubber that measure the following:

- (1) pH and ORP.
- (2) Pressure drop of gas stream across scrubber bed (w.g.).
- (3) Liquid flow rate (gpm).
- (4) Liquid line or nozzle pressure (psi).

009 [25 Pa. Code §127.511]**Monitoring and related recordkeeping and reporting requirements.**

At a minimum of once per year, the permittee shall measure NO_x emission from the acid pickling process (Tri-Mer four stage scrubber exhaust), using portable analyzers or other Department approved measuring techniques.

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

In accordance with Operating Permit No. 65-307-076, Condition No.4a, the permittee shall maintain a log of any malfunctions to the air cleaning devices and provide it to the Department upon request.

011 [25 Pa. Code §127.511]**Monitoring and related recordkeeping and reporting requirements.**

The company shall maintain 12 month rolling records of NO_x emissions from No. 91 Line Annealing Furnace (Source ID 121B) and HNO₃/HF pickling (Source ID 121E) and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

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

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

The Owner/Operator shall install, maintain, and operate the air contamination source and pollution control equipment in accordance with the manufacturer's specifications and good operating practices.

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

In accordance with Operating Permit No. 65-307-076, Condition No.7a, the opacity of the exhaust emissions and other parameters associated with the operation of the #91 line shall show that the source is being operated in conformance with good air pollution control practices.

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

In accordance with Operating Permit No. 65-307-076, Condition No.4f, the Tri-Mer 4 stage scrubber shall achieve a minimum control efficiency of 72% for NO_x (expressed as NO₂). Compliance with the outlet NO_x emission limitation, as determined during the once every 5-years stack test, shall serve as demonstration of compliance with this condition.

**SECTION E. Source Group Restrictions.****# 015 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

In accordance with Operating Permit No. 65-307-076, Condition No.7c, the permittee shall perform an annual adjustment or tune-up on the annealing furnace. This adjustment shall include, at a minimum, the following:

- (i) Inspection, adjustment, cleaning or replacement of fuel-burning equipment, including the burners and moving parts necessary for proper operation as specified by the manufacturer.
- (ii) Inspection of the flame pattern or characteristics and adjustments necessary to minimize total emissions of NO_x, and to the extent practicable minimize emissions of CO.
- (iii) Inspection of the air-to-fuel ratio control system and adjustments necessary to ensure proper calibration and operation as specified by the manufacturer.

016 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

In accordance with Operating Permit No. 65-307-076, Condition No.4a, in the event of a malfunction to the air cleaning devices, the permittee shall promptly shut the source down and discontinue operation until the source and the air cleaning devices have been repaired and are functioning properly. For purposes of this condition, a malfunction is any sudden, infrequent, and not reasonably preventable failure of air control equipment.

VII. ADDITIONAL REQUIREMENTS.

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

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

**SECTION E. Source Group Restrictions.**

Group Name: 1. RACT III

Group Description: Sources Rated <20 MMBtu/hr.

Sources included in this group

ID	Name
116	MISCELLANEOUS SPACE HEATERS
120E	90 LINE STRIP DRYER
121A	91 LINE STRIP DRYERS (1 AND 2 COMBINED)

I. RESTRICTIONS.**Emission Restriction(s).****# 001 [25 Pa. Code §129.112]****Presumptive RACT requirements, RACT emission limitations and petition for alternative compliance schedule**

(c) The owner and operator of a source listed in this subsection that is located at a major NO_x emitting facility or major VOC emitting facility subject to § 129.111 shall install, maintain and operate the source in accordance with the manufacturer's specifications and with good operating practices:

- (1) N/A
- (2) N/A
- (3) N/A

- (4) A boiler or other combustion source with an individual rated gross heat input less than 20 million Btu/ hour.

002 [25 Pa. Code §129.115]**Written notification, compliance demonstration and recordkeeping and reporting requirements**

(f) The owner and operator of an air contamination source subject to this section and §§ 129.111—129.114 shall keep records to demonstrate compliance with §§ 129.111—129.114 and submit reports to the Department or appropriate approved local air pollution control agency in accordance with the applicable regulations in 25 Pa. Code, Part I, Subpart C, Article III (relating to air resources) and as specified in the operating permit or plan approval for the air contamination source as follows:

- (1) The records shall include sufficient data and calculations to demonstrate that the requirements of §§ 129.111—129.114 are met.
- (2) Data or information required to determine compliance shall be recorded and maintained in a time frame consistent with the averaging period of the requirement.

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).

**SECTION E. Source Group Restrictions.****V. REPORTING REQUIREMENTS.**

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

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

**SECTION E. Source Group Restrictions.**

Group Name: 2. RACT III

Group Description: Sources Rated greater than 20 MMBtu/hr and less than 50 MMBtu/hr.

Sources included in this group

ID	Name
031	BOILER #1
032	BOILER #2
121B 91	LINE ANNEALING FURNACE

I. RESTRICTIONS.**Emission Restriction(s).****# 001 [25 Pa. Code §129.112]****Presumptive RACT requirements, RACT emission limitations and petition for alternative compliance schedule**

(b) The owner and operator of a source listed in this subsection that is located at a major NO_x emitting facility subject to § 129.111 shall comply with the applicable presumptive RACT requirements in paragraph (1) and recordkeeping and reporting requirements in paragraph (2).

(1) The owner or operator of a:

(i) Combustion unit or process heater with a rated heat input equal to or greater than 20 million Btu/hour and less than 50 million Btu/hour shall conduct a biennial tune-up in accordance with the procedures in 40 CFR 63.11223 (relating to how do I demonstrate continuous compliance with the work practice and management practice standards).

(A) Each biennial tune-up shall occur not less than 3 months and not more than 24 months after the date of the previous tune-up.

(B) The biennial tune-up must include, at a minimum, the following:

(I) Inspection and cleaning or replacement of fuel-burning equipment, including the burners and components, as necessary, for proper operation as specified by the manufacturer.

(II) Inspection of the flame pattern and adjustment of the burner, as necessary, to optimize the flame pattern to minimize total emissions of NO_x and, to the extent possible, emissions of CO.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.**# 002 [25 Pa. Code §129.115]****Written notification, compliance demonstration and recordkeeping and reporting requirements**

(f) The owner and operator of an air contamination source subject to this section and §§ 129.111—129.114 shall keep records to demonstrate compliance with §§ 129.111—129.114 and submit reports to the Department or appropriate approved local air pollution control agency in accordance with the applicable regulations in 25 Pa. Code, Part I, Subpart C, Article III (relating to air resources) and as specified in the operating permit or plan approval for the air contamination source as follows:

**SECTION E. Source Group Restrictions.**

(1) The records shall include sufficient data and calculations to demonstrate that the requirements of §§ 129.111—129.114 are met.

(2) Data or information required to determine compliance shall be recorded and maintained in a time frame consistent with the averaging period of the requirement.

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 E. Source Group Restrictions.**

Group Name: 3. RACT III

Group Description: Sources Subject to Case by Case RACT

Sources included in this group

ID	Name
120A	90 LINE ANNEALING FURNACES
120D	90 LINE HF/HNO3 PICKLING
121E	91 LINE HF/HNO3 PICKLING

I. RESTRICTIONS.**Emission Restriction(s).****# 001 [25 Pa. Code §129.114]****Alternative RACT proposal and petition for alternative compliance schedule**

Alternative RACT proposal and petition for alternative compliance schedule.

All air cleaning devices and air contamination sources at the facility shall be operated and maintained in accordance with manufacturer's specification and good air pollution and engineering practices.

002 [25 Pa. Code §129.115]**Written notification, compliance demonstration and recordkeeping and reporting requirements**

(f) The owner and operator of an air contamination source subject to this section and §§ 129.111—129.114 shall keep records to demonstrate compliance with §§ 129.111—129.114 and submit reports to the Department or appropriate approved local air pollution control agency in accordance with the applicable regulations in 25 Pa. Code, Part I, Subpart C, Article III (relating to air resources) and as specified in the operating permit or plan approval for the air contamination source as follows:

(1) The records shall include sufficient data and calculations to demonstrate that the requirements of §§ 129.111—129.114 are met.

(2) Data or information required to determine compliance shall be recorded and maintained in a time frame consistent with the averaging period of the requirement.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

**SECTION E. Source Group Restrictions.****VII. ADDITIONAL REQUIREMENTS.**

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

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

**SECTION E. Source Group Restrictions.**

Group Name: >20 MMBTU/HR

Group Description: RACT Combustion Sources

Sources included in this group

ID	Name
031	BOILER #1
032	BOILER #2
120A	90 LINE ANNEALING FURNACES
121B	91 LINE ANNEALING FURNACE

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

The permittee shall utilize a portable analyzer to measure emission rates of NO_x and CO for these combustion sources. At a minimum, periodic monitoring shall occur once in each 12 month consecutive period for each source in this group.

IV. RECORDKEEPING REQUIREMENTS.**# 002 [25 Pa. Code §129.112]****Presumptive RACT requirements, RACT emission limitations and petition for alternative compliance schedule**

In accordance with RACT Operating Permit No. 65-000-137, Condition No.4, the Permittee shall maintain records for each adjustment conducted during the performance of the annual adjustment or tune-up on each boiler. These records shall contain, at a minimum, the following information;

- (i) The date of the tuning procedure
- (ii) The name of the service company and the technicians
- (iii) The final operating rate or load
- (iv) The final CO and NO_x emission rates
- (v) The final excess oxygen rate.

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.**# 003 [25 Pa. Code §129.112]****Presumptive RACT requirements, RACT emission limitations and petition for alternative compliance schedule**

The permittee shall make the annual adjustment in accordance with the 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 in writing by the Department.

004 [25 Pa. Code §129.112]**Presumptive RACT requirements, RACT emission limitations and petition for alternative compliance schedule**

The permittee shall perform an annual adjustment or tune-up as required by RACT Operating Permit No. 65-000-137, for these sources. This adjustment shall include, at a minimum, the following:

- (i) Inspection, adjustment, cleaning or replacement of fuel-burning equipment, including the burners and moving parts necessary for proper operation as specified by the manufacturer.
- (ii) Inspection of the flame pattern or characteristics and adjustments necessary to minimize total emissions of NO_x, and

**SECTION E. Source Group Restrictions.**

to the extent practicable minimize emissions of CO.

(iii) 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 E. Source Group Restrictions.**

Group Name: BRIGHT ANNEAL LINE

Group Description: Bright Anneal Line

Sources included in this group

ID	Name
123A	BRIGHT ANNEAL ALKALINE DEGREASING
123B	BRIGHT ANNEAL FURNACE

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

Stack emission limits shall be established as follows:

- Nitrogen oxide (NOx) emissions from 123B shall not equal or exceed 110 ppm.
- Carbon Monoxide (CO) emissions from 123B shall not equal or exceed 80 ppm.
- PM10 emissions from 123B shall not exceed 0.32 lb/hr.
- PM2.5 emissions from 123B shall not exceed 0.32 lb/hr.
- Visible emissions from the Bright Anneal Line shall not equal or exceed an opacity of 10 percent.
- Potentially objectionable odors from the Bright Anneal Line and its associated air cleaning devices shall not be detectable beyond the property of the facility

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

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

The permittee shall maintain a daily log of the operating hours for the Bright Anneal Line for a minimum of five years and shall be made available to the Department upon request.

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

The permittee shall maintain records of 12 monthly rolling NOx, PM10, and PM2.5 from this source group and maintain on site for a minimum of five years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

**SECTION E. Source Group Restrictions.**

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

**SECTION E. Source Group Restrictions.**

Group Name: NO. 91 LINE

Group Description: No. 91 Line

Sources included in this group

ID	Name
121C	91 LINE KOLENE DESCALING
121F	NO. 91 LINE KOLENE HEATER
121G	NO. 91 SULFURIC ACID PICKLING
C121C	NO. 91 LINE KOLENE DESCALING SCRUBBER
C121G	91 LINE SULFURIC ACID SCRUBBER

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

Stack Emission limits shall be established as follows:

- Total Chromium emissions from 121C shall not exceed 0.0003 lb/hr.
- PM10 emissions from 121C shall not exceed 0.88 lb/hr.
- PM2.5 emissions from 121C shall not exceed 0.88 lb/hr
- NOx emissions from 121F shall not exceed 0.78 lb/hr.
- Visible emissions from the Source 121C and its associated air cleaning device, C121C, shall not equal or exceed an opacity of 10 percent.
- Visible emissions from the Source 121G and its associated air cleaning device, C121G, shall not equal or exceed an opacity of 20 percent.
- Odors from the #91 line and its associated air cleaning devices shall not be detectable beyond the property of the facility.

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

At least once per day, while the subject equipment is in operation, the permittee shall conduct an inspection of the #91 line and its associated air cleaning devices. At a minimum, the permittee shall monitor and record the following information:

- the pressure drop of C121C and C121G
- the flow rate of C121C and C121G

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

The permittee shall maintain and operate monitoring devices on C121C and C121G that measure the following:

- Pressure drop of gas stream across scrubber bed (w.g.).
- Liquid flow rate (gpm).

IV. RECORDKEEPING REQUIREMENTS.**# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.****# 005 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall maintain a log of any malfunctions of the air cleaning devices for a minimum of five years and it shall be made available to the Department upon request.

**SECTION E. Source Group Restrictions.****# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall maintain records of 12 monthly rolling NO_x, PM₁₀, and PM_{2.5} from this source group and maintain on site for a minimum of five years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

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

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

The opacity of the exhaust emissions and other parameters associated with the operation of the sources in this group shall show that the sources are operating in conformance with good air pollution control practices.

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

The permittee shall demonstrate proper ongoing operation of the 91 Line Sulfuric Acid Scrubber (Source ID C121G) and 91 Line Kolene Descaling Scrubber (Source ID C121C) through parametric monitoring and stack observation records.

009 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

In the event of a malfunction to the air cleaning devices, the permittee shall promptly shut the source down and discontinue operation until the source and the air cleaning devices have been repaired and are functioning properly. For purposes of this condition, a malfunction is any sudden, infrequent, and not reasonably preventable failure of air control equipment.

VII. ADDITIONAL REQUIREMENTS.

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

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

**SECTION F. Alternative Operation Requirements.**

No Alternative Operations exist for this Title V facility.

**SECTION G. Emission Restriction Summary.**

No emission restrictions listed in this section of the permit.

**SECTION H. Miscellaneous.****INSIGNIFICANT ACTIVITIES**

The following sources qualify as insignificant activities and have no applicable requirements, emission limits, monitoring and/or recordkeeping:

- Acid tanks, oil tanks, NaOH tanks, NAHS tanks, Diesel fuel tanks & gasoline tanks
- Wastewater Treatment Plant
- Process Tanks and Non-VOC/HAP Tanks
- Thomas & Betts Space Heater
- Lime silo & TSP Silo



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