



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

**STATE ONLY OPERATING PERMIT**

Issue Date: March 23, 2020

Effective Date: March 23, 2020

Expiration Date: February 28, 2025

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

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

**State Only Permit No: 25-00066**

Federal Tax Id - Plant Code: 76-0534862-1

**Owner Information**

Name: ACCURIDE CORP  
Mailing Address: 1015 E 12TH ST  
ERIE, PA 16503-1520

**Plant Information**

Plant: ACCURIDE ERIE LP/ERIE FORGE PLT  
Location: 25 Erie County 25001 Erie City  
SIC Code: 3463 Manufacturing - Nonferrous Forgings

**Responsible Official**

Name: GREGORY DAUER  
Title: DIR OF OPERATIONS  
Phone: (814) 480 - 6411

**Permit Contact Person**

Name: KURT HINKLE  
Title: EHS COORDINATOR  
Phone: (814) 480 - 6418

[Signature] \_\_\_\_\_  
ERIC A. GUSTAFSON, NORTHWEST REGION AIR PROGRAM MANAGER



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**SECTION A. Site Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
106B	1995 (HEAT TREAT 2) QUENCH TANK	1.000 MMBTU/HR	
		1.000 MCF/HR	Natural Gas
103	7000 TON FORGING PRESS (LINE 4)	5.000 Tons/HR	ALUMINUM FORGINGS
104	2000 (HEAT TREAT 3) HEAT TREATING FURNACES	17.000 MMBTU/HR	
		17.000 MCF/HR	ALUMINUM WHEELS
106A	1995 (HEAT TREAT 2) SOLUTION FURNANCE	9.500 MMBTU/HR	
		9.500 MCF/HR	Natural Gas
106C	1995 (HEAT TREAT 2) AGE FURNACE	3.500 MMBTU/HR	
		3.500 MCF/HR	Natural Gas
108	PROCESS HEATING - NATURAL GAS USAGE	18.645 MMBTU/HR	
		18.645 MCF/HR	Natural Gas
109	MISCELLANEOUS NATURAL GAS USAGE	20.920 MMBTU/HR	
		20.920 MCF/HR	Natural Gas
110	(5) WHEEL WASHERS (5-10, 285, 885, 985 & ML)	1.500 MMBTU/HR	
		1.500 MCF/HR	Natural Gas
111	(2) CARBOTTOM FURNACES	N/A	ALUMINUM DIES
112A	2006 (HEAT TREAT 4) SOLUTION FURNACE	9.804 MMBTU/HR	
		9,804.000 CF/HR	Natural Gas
112B	2006 (HEAT TREAT 4) QUENCH TANK	0.980 MMBTU/HR	
		980.000 CF/HR	Natural Gas
112C	2006 (HEAT TREAT) AGE FURNACE	5.882 MMBTU/HR	
		5,882.000 CF/HR	Natural Gas
113	7000 TON FORGE LINE 5	3.600 MMBTU/HR	
		3.600 MCF/HR	Natural Gas
114	7000 TON FORGE LINE 6	3.600 MMBTU/HR	
		3.600 MCF/HR	Natural Gas
115	WHEEL MACHINING LINES 2, 6, 7, 8, 9, 10, & 12	100.000 Gal/HR	
116	POLISHING CELLS (2)	100.000 Gal/HR	
117	EMERGENCY GENERATOR 150 HP SI, NATURAL GAS	1.012 MMBTU/HR	
		1.012 MCF/HR	Natural Gas
118	EMERGENCY FIRE WATER PUMP, 4CY, DIESEL	1.015 MMBTU/HR	
		8.700 Gal/HR	Diesel Fuel
119	(2) KOHLER EMERGENCY GENERATORS (LIGHTING)	0.313 MMBTU/HR	
		0.313 MCF/HR	Natural Gas
C103	7000 TON PRESS VENTURI SCRUBBER		
C113	7000 TON FORGE LINE 5 WET SCRUBBER		
C114	7000 TON FORGE LINE 6 WET SCRUBBER		
C115A	SMOG HOG (2) FOR LINE 2		
C115B	SMOG HOG (2) FOR LINE 8		
C115C	SMOG HOG FOR LINE 9		
C115D	SMOG HOG (2) FOR LINE 6		

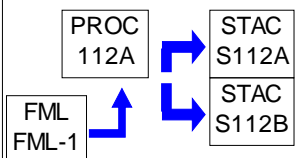
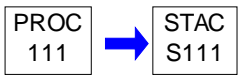
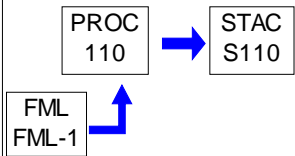
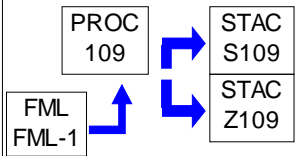
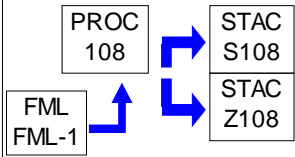
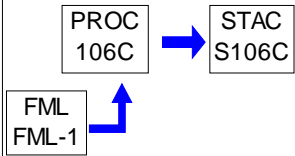
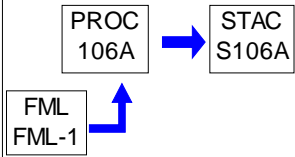
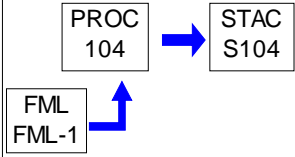
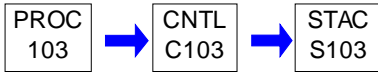
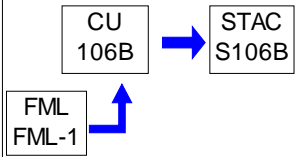
**SECTION A. Site Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
C115E	SMOG HOG (2) FOR LINE 7		
C115F	SMOG HOG (6) FOR LINE 10		
C115G	SMOG HOG (2) FOR LINE 12		
C116A	ACME SCRUBBER FOR POLISHING CELL		
C116B	ACME SCRUBBER FOR POLISHING CELL 5		
FML-1	NATURAL GAS PIPELINE		
FML2	DIESEL FUEL TANK		
S103	7000 TON PRESS STACK		
S104	(8) 2000 HEAT TREAT. FURNACES STACKS		
S106A	1995 SOLUTION FURNACE STACK		
S106B	1995 QUENCH TANK STACK		
S106C	1995 AGE FURNACE STACK		
S108	PROCESS NAT. GAS USAGE STACK		
S109	MISC. NAT. GAS USAGE STACK		
S110	(9) WHEEL WASHER STACKS		
S111	(2) CARBOTTOM FURNACES STACKS		
S112A	2006 SOLUTION FURNACE RM700 STACK		
S112B	2006 SOLUTION FURNACE RM300 STACK		
S112C	2006 QUENCH TANK STACK		
S112D	2006 AGE FURNACE RM200 STACK		
S112E	2006 AGE FURNACE RM200 STACK		
S113	7000 TON FORGE LINE 5 STACK		
S114	7000 TON FORGE LINE 6 STACK		
S115A	SMOG HOG STACK FOR LINE 2		
S115B	STACK FROM SMOG HOG FOR LINE 8		
S115C	STACK FROM SMOG HOG FOR LINE 9		
S115D	SMOG HOG STACK FOR LINE 6		
S115E	SMOG HOG STACK FOR LINE 7		
S115F	SMOG HOG STACK FOR LINE 10		
S115G	SMOG HOG STACK FOR LINE 12		
S116A	STACK FROM POLISHING CELL		
S116B	STACK FROM POLISHING CELL 5		
S117	STACK FROM EMERGENCY GENERATOR		
S118	STACK FROM EMERGENCY FIRE WATER PUMP		
S119	SOURCE 119 STACKS		
Z108	PROCESS NAT. GAS USAGE FUGITIVES		
Z109	MISC. NAT. GAS USAGE FUGITIVES		

**PERMIT MAPS**

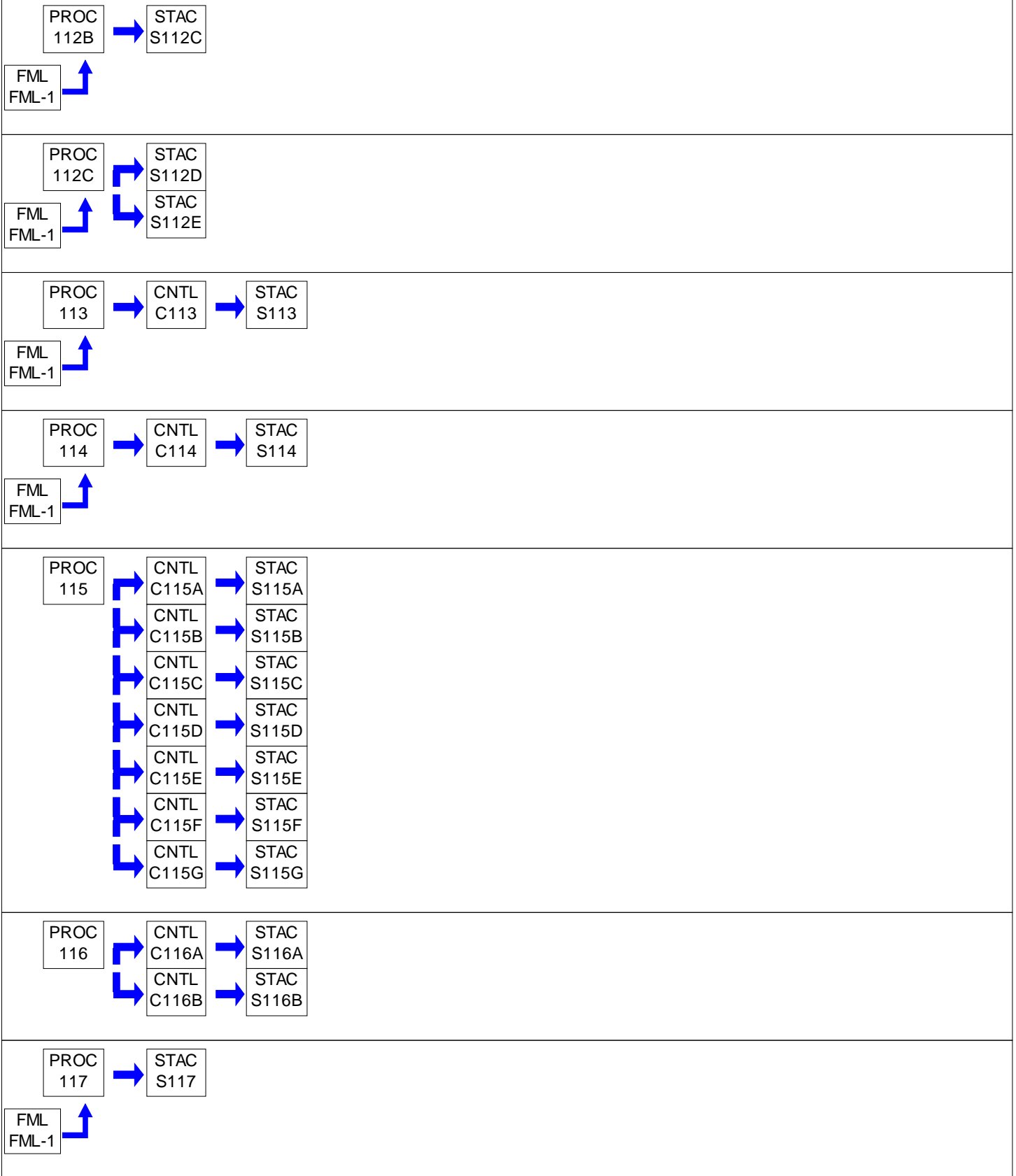


PERMIT MAPS



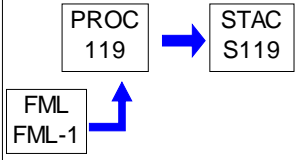
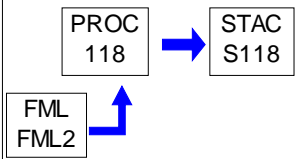


### PERMIT MAPS





**PERMIT MAPS**





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

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

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

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

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

- (a) The permittee shall submit a timely and complete application for renewal of the operating permit to the appropriate Regional Air Program Manager. The application for renewal of the operating permit shall be submitted at least six (6) months and not more than 18 months before the expiration date of this permit.
- (b) The application for permit renewal shall include the current permit number, a description of any permit revisions that occurred during the permit term, and any applicable requirements that were promulgated and not incorporated into the permit during the permit term. An application is complete if it contains sufficient information to begin processing the application, has the applicable sections completed and has been signed by a responsible official.
- (c) The permittee shall submit with the renewal application a fee for the processing of the application and an additional annual administrative fee as specified in 25 Pa. Code § 127.703(b) and (c). The fees shall be made payable to "The Commonwealth of Pennsylvania - Clean Air Fund" and shall be for the amount specified in the following schedule specified in 25 Pa. Code § 127.703(b) and (c).
- (1) Three hundred dollars for applications filed during the 2000-2004 calendar years.
  - (2) Three hundred seventy-five dollars for applications filed for the calendar years beginning in 2005.
- (d) The renewal application shall also include submission of proof that the local municipality and county, in which the facility is located, have been notified in accordance with 25 Pa. Code § 127.413.
- (e) The application for renewal of the operating permit shall also include submission of supplemental compliance review forms in accordance with the requirements of 25 Pa. Code § 127.412(b) and § 127.412(j).
- (f) The permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information as necessary to address any requirements that become applicable to the source after the permittee submits a complete application, but prior to the date the Department takes action on the permit application.

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

- (a) The permittee shall pay fees according to the following schedule specified in 25 Pa. Code § 127.703(b):
- (1) Three hundred dollars for applications filed during the 2000-2004 calendar years.
  - (2) Three hundred seventy-five dollars for applications filed for the calendar years beginning in 2005.

This fee schedule shall apply to the processing of an application for an operating permit as well as the extension,

**SECTION B. General State Only Requirements**

modification, revision, renewal, and re-issuance of each operating permit or part thereof.

(b) The permittee shall pay an annual operating permit administrative fee according to the fee schedule established in 25 Pa. Code § 127.703(c).

(1) Two hundred fifty dollars for applications filed during the 1995-1999 calendar years.

(2) Three hundred dollars for applications filed during the 2000-2004 calendar years.

(3) Three hundred seventy-five dollars for applications filed during the years beginning in 2005.

(c) The applicable fees shall be made payable to "The Commonwealth of Pennsylvania - Clean Air Fund".

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

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

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

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

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

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

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

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

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

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

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

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

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

(a) The permittee shall comply with the conditions of this operating permit. Noncompliance with this permit constitutes

**SECTION B. General State Only Requirements**

a violation of the Clean Air Act and the Air Pollution Control Act and is grounds for one 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 for the source is operated and maintained in accordance with specifications in the applications and the conditions in the plan approval and operating permit issued by the Department. A person may not cause or permit the operation of an air contamination source subject to 25 Pa. Code Chapter 127 in a manner inconsistent with good operating practices.

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

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

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

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

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

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

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

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

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

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

(a) The permittee is authorized to make administrative amendments, minor operating permit modifications and

**SECTION B. General State Only Requirements**

significant operating permit modifications, under this permit, as outlined below:

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

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

(d) Permit modifications which do not qualify as minor permit modifications under 25 Pa. Code § 127.541 will be treated as a significant operating permit revision subject to the public notification procedures in §§ 127.424 and 127.425.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

(g) Except for de minimis emission increases, installation of minor sources made pursuant to this permit condition and Plan Approval Exemptions under 25 Pa. Code § 127.14 (relating to exemptions), the permittee is prohibited from making changes or engaging in activities that are not specifically authorized under this permit without first applying for a plan approval. In accordance with § 127.14(b), a plan approval is not required for the construction, modification, reactivation, or installation of the sources creating the de minimis emissions increase.

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

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

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

(1) Section 127.14 (relating to exemptions)

(2) Section 127.447 (relating to alternative operating scenarios)

(3) Section 127.448 (relating to emissions trading at facilities with Federally enforceable emissions caps)

(4) Section 127.449 (relating to de minimis emission increases)

(5) Section 127.450 (relating to administrative operating permit amendments)

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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



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

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

- (1) Construction or demolition of buildings or structures.
- (2) Grading, paving and maintenance of roads and streets.
- (3) Use of roads and streets. Emissions from material in or on trucks, railroad cars and other vehicular equipment are not considered as emissions from use of roads and streets.
- (4) Clearing of land.
- (5) Stockpiling of materials.
- (6) Open burning operations.
- (7) - (8) [Do not apply]
- (9) Sources and classes of sources other than those identified in paragraphs (1)—(8), for which the operator has obtained a determination from the Department that fugitive emissions from the source, after appropriate control, meet the following requirements:
  - (i) The emissions are of minor significance with respect to causing air pollution.
  - (ii) The emissions are not preventing or interfering with the attainment or maintenance of an ambient air quality standard.

(b) An application form for requesting a determination under either subsection (a)(9) or § 129.15(c) is available from the Department. In reviewing these applications, the Department may require the applicant to supply information including, but not limited to, a description of proposed control measures, characteristics of emissions, quantity of emissions and ambient air quality data and analysis showing the impact of the source on ambient air quality. The applicant is required to demonstrate that the requirements of subsections (a)(9) and (c) and § 123.2 [Condition #002, below] (relating to fugitive particulate matter) or of the requirements of § 129.15(c) have been satisfied. Upon such demonstration, the Department will issue a determination, in writing, either as an operating permit condition, for those sources subject to permit requirements under the act, or as an order containing appropriate conditions and limitations.

(c) [Printed under Work Practice Requirements in this section of permit.]

(d) [Does not apply]

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

A person may not permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in § 123.1(a)(1)—(9) [Condition #001, above] (relating to prohibition of certain fugitive emissions) if the emissions are visible at the point the emissions pass outside the person's property.

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

(a) [Printed under Work Practice Requirements in this section of permit.]

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

**SECTION C. Site Level Requirements**

(c) [Does not apply]

**# 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 3 minutes in any 1 hour.
- (2) Equal to or greater than 60% at any time.

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

The limitations of § 123.41 [Condition #004, above] (relating to limitations) shall not apply to a visible emission in any of the following instances:

- (1) When the presence of uncombined water is the only reason for failure of the emission to meet the limitations.
- (2) When the emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions.
- (3) When the emission results from sources specified in § 123.1 (a)(1)—(9) [Condition #001, above] (relating to prohibition of certain fugitive emissions).
- (4) [Does not apply]

**# 006 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The company shall limit the facility-wide emissions of carbon monoxide to 95 tons per year, or less.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.****# 007 [25 Pa. Code §123.43]****Measuring techniques**

Visible emissions may be measured using either of the following:

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

**# 008 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The company shall monitor the amount of natural gas combusted in the facility on a monthly basis.

**IV. RECORDKEEPING REQUIREMENTS.****# 009 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

a) The company shall keep an on-site facility log for monthly totals of carbon monoxide emissions from all processes at the

**SECTION C. Site Level Requirements**

facility. The monthly total shall be added to the previous 11-months to assure compliance with this plan approval.

b) The company shall keep an on-site facility log for monthly totals of nitrogen oxides emissions (calculated as nitrogen dioxide) from all processes at the facility. The monthly total shall be added to the previous 11-months to assure compliance with this plan approval.

c) The facility shall record the natural gas combusted in the facility each month.

**V. REPORTING REQUIREMENTS.****# 010 [25 Pa. Code §135.21]****Emission statements**

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

(1) Located in an area designated by the Clean Air Act as a marginal, moderate, serious, severe or extreme ozone nonattainment area and which emit oxides of nitrogen or VOC.

(2) [Does not apply]

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

(c) Annual emission statements are due by March 1 for the preceding calendar year beginning with March 1, 1993, for calendar year 1992 and shall provide data consistent with requirements and guidance developed by the EPA. The guidance document is available from: United States Environmental Protection Agency, 401 M Street, S.W., Washington, D.C. 20460. The Department may require more frequent submittals if the Department determines that one or more of the following applies:

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

(2) Analysis of the data on a more frequent basis is necessary to implement the requirements of the act.

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

**# 011 [25 Pa. Code §135.3]****Reporting**

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

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

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

**SECTION C. Site Level Requirements****VI. WORK PRACTICE REQUIREMENTS.****# 012 [25 Pa. Code §121.7]****Prohibition of air pollution.**

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

**# 013 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

[From 25 Pa. Code § 123.1(c):]

(c) A person responsible for any source specified in subsections (a)(1)—(7) or (9) [Condition #001, above] shall take all reasonable actions to prevent particulate matter from becoming airborne. These actions include, but not be limited to, the following:

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

**# 014 [25 Pa. Code §123.31]****Limitations**

[From 25 Pa. Code § 123.31(a):]

(a) Limitations are as follows:

- (1) If control of malodorous air contaminants is required under subsection (b) [Condition #003, above], emissions shall be incinerated at a minimum of 1200°F for at least 0.3 second prior to their emission into the outdoor atmosphere.
- (2) Techniques other than incineration may be used to control malodorous air contaminants if such techniques are equivalent to or better than the required incineration in terms of control of the odor emissions and are approved in writing by the Department.

**# 015 [25 Pa. Code §129.14]****Open burning operations**

(a) Air basins. No person may permit the open burning of material in an air basin.

(b) [Does not apply]

(c) Exceptions. The requirements of subsections (a) and (b) do not apply where the open burning operations result from:

- (1) A fire set to prevent or abate a fire hazard, when approved by the Department and set by or under the supervision of a public officer.
- (2) Any fire set for the purpose of instructing personnel in fire fighting, when approved by the Department.
- (3) A fire set for the prevention and control of disease or pests, when approved by the Department.
- (4) - (5) [Do not apply]
- (6) A fire set solely for recreational or ceremonial purposes.
- (7) A fire set solely for cooking food.

**SECTION C. Site Level Requirements**

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

(1) As used in this subsection the following terms shall have the following meanings:

**Air curtain destructor**—A mechanical device which forcefully projects a curtain of air across a pit in which open burning is being conducted so that combustion efficiency is increased and smoke and other particulate matter are contained.

**Clearing and grubbing wastes**—Trees, shrubs and other native vegetation which are cleared from land during or prior to the process of construction. The term does not include demolition wastes and dirt laden roots.

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

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

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

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

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

(3) [Does not apply]

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

[This permit does not constitute authorization to burn solid waste pursuant to Section 610(3) of the Solid Waste Management Act, 35 P.S. Section 6018.610(3), or any other provision of the Solid Waste Management Act.]

**VII. ADDITIONAL REQUIREMENTS.**

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

**VIII. COMPLIANCE CERTIFICATION.**

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

**IX. COMPLIANCE SCHEDULE.**

#016 20-MAR-20

Accuride shall maximize the operation of Forge Line 4 ("Source ID 103") and reduce the usage of Forge Line 5 ("Source ID 113), and Forge Line 6 ("Source ID 114"). Daily production records shall be maintained on all Forge Lines and submitted to the Department monthly, due on the 10th day of the following month.

Accuride shall maintain daily records of lubricant usage for Source ID's 103, 113 and 114. Daily records of lubricants shall be maintained for all Forge Lines and submitted to the Department monthly, due on the 10th day of the following month.

**SECTION C. Site Level Requirements**

#017 30-APR-20

By April 30, 2020, Accuride shall submit a corrective action plan ("Plan") to the Department which shall include: a complete evaluation of the scrubber fan on Source ID 113 and Source ID 114; and a schedule for the submittal of a plan approval application for the modification of the scrubber fan for Source ID 113 and Source ID 114.

The Department shall review, modify, and/or approve the Plan in writing.

Within 30 days of plan approval issuance, Accuride shall submit a stack test protocol to the Department for testing filterable particulate matter and determining visible emissions from the scrubber stack of Source ID 113 and Source ID 114.

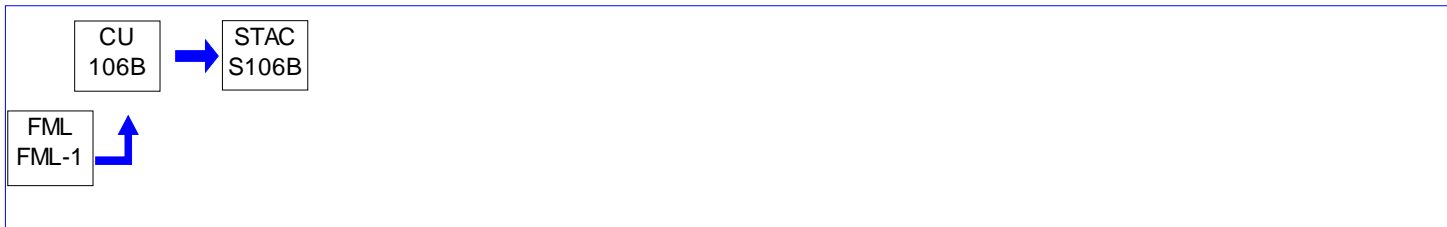
**SECTION D. Source Level Requirements**

Source ID: 106B

Source Name: 1995 (HEAT TREAT 2) QUENCH TANK

Source Capacity/Throughput: 1.000 MMBTU/HR

1.000 MCF/HR Natural Gas

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

# 001 [25 Pa. Code §123.22]

**Combustion units**

No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO<sub>2</sub>, from a combustion unit in excess of the rate of 4 pounds per million Btu of heat input over a 1-hour period.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

**IV. RECORDKEEPING REQUIREMENTS.**

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

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.**

# 002 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

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

**VII. ADDITIONAL REQUIREMENTS.**

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

**SECTION D. Source Level Requirements**

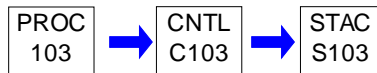
Source ID: 103

Source Name: 7000 TON FORGING PRESS (LINE 4)

Source Capacity/Throughput:

5.000 Tons/HR

ALUMINUM FORGINGS

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The 7000 ton press is subject to the particulate emission rate of 0.01 gr/dscf.

[From Condition #5 of Plan Approval # PA-25-066D. Compliance with this streamlined permit condition assures compliance with the applicable requirement in 25 Pa. Code §123.13.]

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

**IV. RECORDKEEPING REQUIREMENTS.****# 002 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

Each normal weekday (Monday through Friday) that the source is operated, the facility shall record the venturi scrubber pressure drop and the recirculating water flow to the scrubber. For any weekend or holiday operations, the facility shall ensure that the pressure drop and flow for the venturi scrubber is monitored automatically and the alarm indicator light is operational.

**# 003 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The facility shall maintain a log of all preventive maintenance inspections of the control device. The inspection logs at a minimum, shall contain the dates of the inspections, any potential problems or defects that were encountered, the steps taken to correct them, and the measured pressure drop and water flow rate for the scrubber.

[From Condition #14 of Plan Approval # PA-25-066D]

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.****# 004 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

A differential manometer or equivalent shall be permanently installed and maintained at a conveniently readable location to indicate the pressure drop across the venturi scrubber.



**SECTION D. Source Level Requirements**

[From Condition #10 of Plan Approval # PA-25-066D]

**# 005 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

A rotameter or equivalent shall be permanently installed and maintained at a conveniently readable location to indicate the water flow rate to the scrubber.

[From Condition #11 of Plan Approval # PA-25-066D]

**# 006 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The sources shall not be operated without the air pollution control devices.

[From Condition #12 of Plan Approval # PA-25-066D]

**# 007 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The sources and air pollution control devices shall be operated in accordance with the manufacturer's specifications and consistent with good air pollution control practices.

[From Condition #13 of Plan Approval # PA-25-066D]

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

An operating pressure drop of at least 12 inches w.g. shall be maintained across the throat of the venturi scrubber and a water flow of at least 140 gallons per minute to the scrubber shall be maintained.

**VII. ADDITIONAL REQUIREMENTS.**

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

**SECTION D. Source Level Requirements**

Source ID: 104

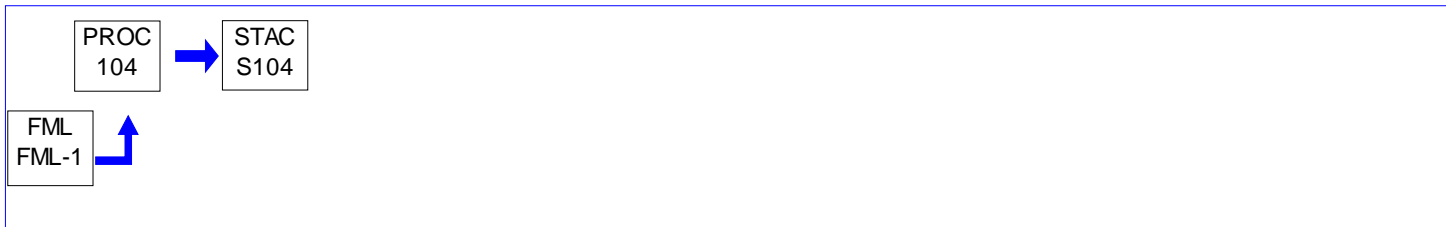
Source Name: 2000 (HEAT TREAT 3) HEAT TREATING FURNACES

Source Capacity/Throughput:

17.000 MMBTU/HR

17.000 MCF/HR

ALUMINUM WHEELS

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The emissions for the source shall not exceed the following based on 8,760 hours per year of operation:

Pollutant	Emission Rate	Emission Rate
CO	1.29 lbs/hr	5.6 TPY
SOx	0.01 lbs/hr	0.04 TPY
TOC	0.13 lbs/hr	0.569 TPY
PM10	0.28 lbs/hr	1.23 TPY
NOx	1.77 lbs/hr	7.75 TPY

[From Condition #6 of Plan Approval # PA-25-066C]

**Fuel Restriction(s).****# 002 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The source shall only be fired with natural gas.

[From Condition #7 of Plan Approval # PA-25-066C]

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

**IV. RECORDKEEPING REQUIREMENTS.****# 003 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The owner/operator must maintain records of natural gas use. These records shall be kept at the facility for a period of five years.

[From Condition #7 of Plan Approval # PA-25-066C]

**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 (State Only General Requirements).

**VI. WORK PRACTICE REQUIREMENTS.**

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

**VII. ADDITIONAL REQUIREMENTS.**

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

**SECTION D. Source Level Requirements**

Source ID: 106A

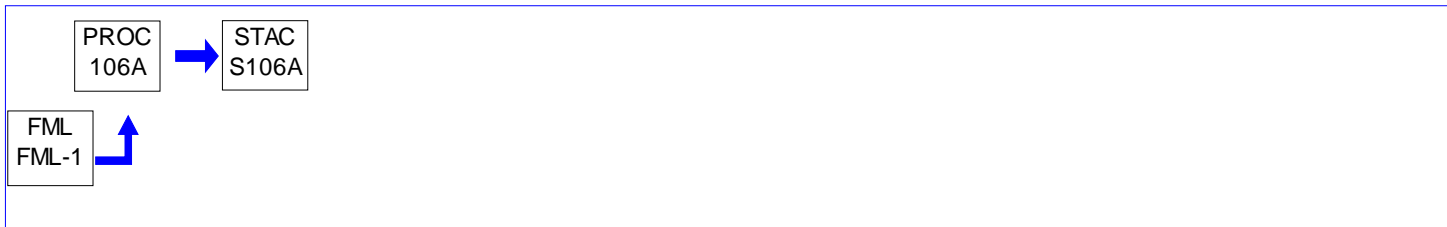
Source Name: 1995 (HEAT TREAT 2) SOLUTION FURNANCE

Source Capacity/Throughput:

9.500 MMBTU/HR

9.500 MCF/HR

Natural Gas

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

# 001 [25 Pa. Code §123.13]

**Processes**

No person may permit the emission into the outdoor atmosphere of particulate matter from any process in a manner that the concentration of particulate matter in the effluent gas exceeds .04 grain per dry standard cubic foot, when the effluent gas volume is less than 150,000 dry standard cubic feet per minute.

# 002 [25 Pa. Code §123.21]

**General**

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

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

**IV. RECORDKEEPING REQUIREMENTS.**

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

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.**

# 003 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

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

**VII. ADDITIONAL REQUIREMENTS.**

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

**SECTION D. Source Level Requirements**

Source ID: 106C

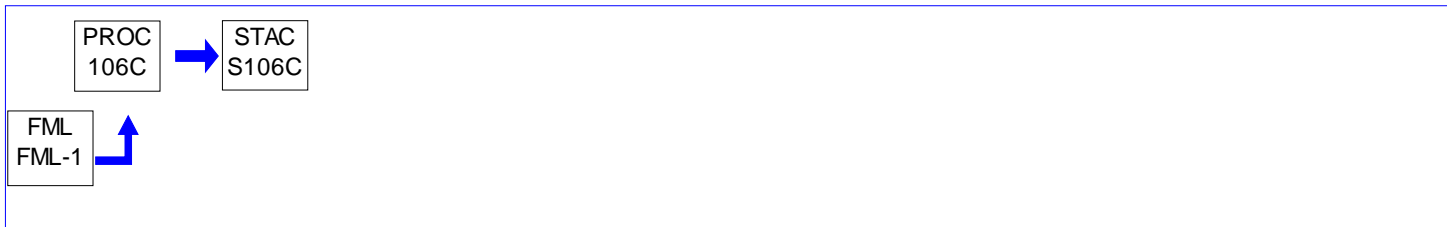
Source Name: 1995 (HEAT TREAT 2) AGE FURNACE

Source Capacity/Throughput:

3.500 MMBTU/HR

3.500 MCF/HR

Natural Gas

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

# 001 [25 Pa. Code §123.13]

**Processes**

No person may permit the emission into the outdoor atmosphere of particulate matter from any process in a manner that the concentration of particulate matter in the effluent gas exceeds .04 grain per dry standard cubic foot, when the effluent gas volume is less than 150,000 dry standard cubic feet per minute.

# 002 [25 Pa. Code §123.21]

**General**

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

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

**IV. RECORDKEEPING REQUIREMENTS.**

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

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.**

# 003 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

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

**VII. ADDITIONAL REQUIREMENTS.**

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

**SECTION D. Source Level Requirements**

Source ID: 108

Source Name: PROCESS HEATING - NATURAL GAS USAGE

Source Capacity/Throughput: 18.645 MMBTU/HR

18.645 MCF/HR Natural Gas

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

# 001 [25 Pa. Code §123.13]

**Processes**

No person may permit the emission into the outdoor atmosphere of particulate matter from any process in a manner that the concentration of particulate matter in the effluent gas exceeds .04 grain per dry standard cubic foot, when the effluent gas volume is less than 150,000 dry standard cubic feet per minute.

# 002 [25 Pa. Code §123.21]

**General**

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

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

**IV. RECORDKEEPING REQUIREMENTS.**

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

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.**

# 003 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall operate and maintain this source in accordance with the manufacturers' specifications.

**VII. ADDITIONAL REQUIREMENTS.**

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

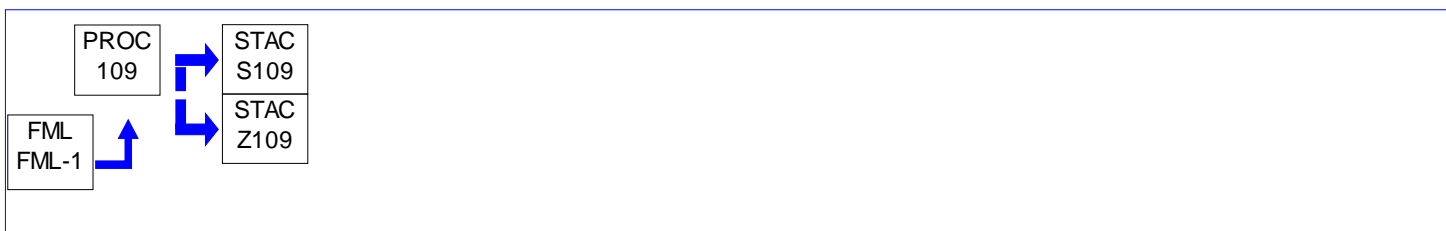
**SECTION D. Source Level Requirements**

Source ID: 109

Source Name: MISCELLANEOUS NATURAL GAS USAGE

Source Capacity/Throughput: 20.920 MMBTU/HR

20.920 MCF/HR Natural Gas

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

No person may permit the emission into the outdoor atmosphere of particulate matter from any process in a manner that the concentration of particulate matter in the effluent gas exceeds .04 grain per dry standard cubic foot, when the effluent gas volume is less than 150,000 dry standard cubic feet per minute.

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

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

**# 003 [25 Pa. Code §123.22]****Combustion units**

No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO<sub>2</sub>, from a combustion unit in excess of the rate of 4 pounds per million Btu of heat input over a 1-hour period.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

**IV. RECORDKEEPING REQUIREMENTS.**

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

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.****# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall operate and maintain this source in accordance with the manufacturers' specifications.



## SECTION D. Source Level Requirements

### VII. ADDITIONAL REQUIREMENTS.

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



**SECTION D. Source Level Requirements**

Source ID: 110

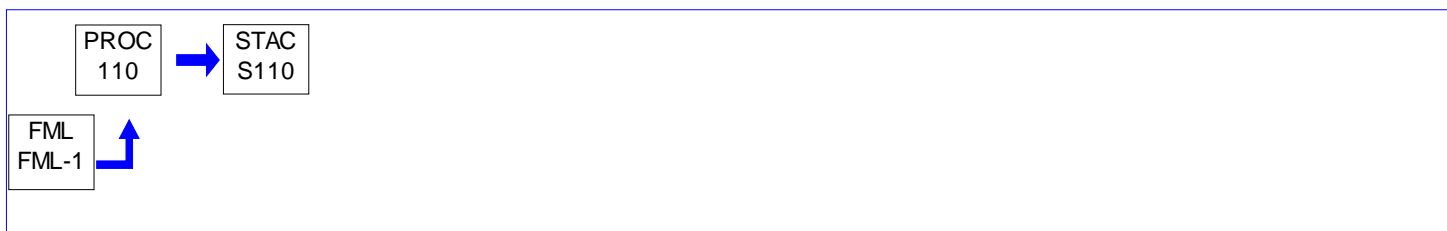
Source Name: (5) WHEEL WASHERS (5-10, 285, 885, 985 &amp; ML)

Source Capacity/Throughput:

1.500 MMBTU/HR

1.500 MCF/HR

Natural Gas

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

# 001 [25 Pa. Code §123.13]

**Processes**

No person may permit the emission into the outdoor atmosphere of particulate matter from any process in a manner that the concentration of particulate matter in the effluent gas exceeds .04 grain per dry standard cubic foot, when the effluent gas volume is less than 150,000 dry standard cubic feet per minute.

# 002 [25 Pa. Code §123.21]

**General**

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

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

**IV. RECORDKEEPING REQUIREMENTS.**

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

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.**

# 003 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall operate and maintain this source in accordance with the manufacturers' specifications.

**VII. ADDITIONAL REQUIREMENTS.**

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

**SECTION D. Source Level Requirements**

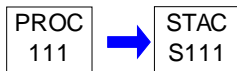
Source ID: 111

Source Name: (2) CARBOTTOM FURNACES

Source Capacity/Throughput:

N/A

ALUMINUM DIES

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

# 001 [25 Pa. Code §123.13]

**Processes**

No person may permit the emission into the outdoor atmosphere of particulate matter from any process in a manner that the concentration of particulate matter in the effluent gas exceeds .04 grain per dry standard cubic foot, when the effluent gas volume is less than 150,000 dry standard cubic feet per minute.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

**IV. RECORDKEEPING REQUIREMENTS.**

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

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.**

# 002 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall operate and maintain this source in accordance with the manufacturers' specifications.

**VII. ADDITIONAL REQUIREMENTS.**

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

**SECTION D. Source Level Requirements**

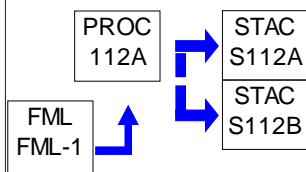
Source ID: 112A

Source Name: 2006 (HEAT TREAT 4) SOLUTION FURNACE

Source Capacity/Throughput: 9.804 MMBTU/HR

9,804.000 CF/HR

Natural Gas

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The emissions from the 2006 Heat Treat Line shall not exceed the following:

- The NO<sub>x</sub> emissions shall not exceed 1.37 lb/hr and 6.0 TPY (based on a 12-month rolling total).
- The CO emissions shall not exceed 2.07 lb/hr and 9.07 TPY (based on a 12-month rolling total).
- The particulate and PM-10 emissions shall not exceed 0.13 lb/hr and 0.57 TPY (based on a 12-month rolling total).
- The SO<sub>x</sub> emissions shall not exceed 0.01 lb/hr and 0.04 TPY (based on a 12-month rolling total).
- The VOC emissions shall not exceed 0.09 lb/hr and 0.40 TPY (based on a 12-month rolling total).

[Compliance with the requirements specified in the streamlined permit conditions (c and d) assures compliance with the provisions in 25 Pa. Code Sections 123.13 and 123.21, respectively].

[Plan Approval 25-066F]

**Fuel Restriction(s).****# 002 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The permittee shall only use natural gas for fuel for all the burners of the 2006 Heat Treat Line.

[Plan Approval 25-066F]

**II. TESTING REQUIREMENTS.****# 003 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The Department reserves the right to require emission testing for any of the burners as may be necessary to determine compliance.

[Plan Approval 25-066F]

**III. MONITORING REQUIREMENTS.**

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

**SECTION D. Source Level Requirements****IV. RECORDKEEPING REQUIREMENTS.****# 004 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The permittee shall keep records of the following for the 2006 Heat Treat Line:

- a) The natural gas usage based on a 12-month rolling total;
- b) The maintenance conducted on each of the sources;
- c) Records of the annual tune-ups and adjustments of the burners;
- d) The emissions based on a 12-month rolling total.

[Plan Approval 25-066F]

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.****# 005 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

- a) The permittee shall monitor the gas usage of each of the sources on a monthly basis.
- b) The permittee shall monitor the temperature of the age furnace, solution furnace, and quench tank on a continuous basis during all hours the sources are utilized.

[Plan Approval 25-066F]

**# 006 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The permittee shall annually inspect and tune each of the burners for the 2006 heat treat line.

[Plan Approval 25-066F]

**VII. ADDITIONAL REQUIREMENTS.****# 007 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The permittee shall install gas meters to measure the amount of natural gas each source utilizes.

[Plan Approval 25-066F]

**# 008 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The permittee shall maintain and operate the sources in accordance with the manufacturer's specifications.

[Plan Approval 25-066F]

**# 009 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

- a) The NO<sub>x</sub> and CO emissions shall be calculated on a monthly basis for the 2006 Heat Treat Line based on the vendors emission factors multiplied by the fuel usage and the hours of operation.
- b) The particulate, PM-10, SO<sub>x</sub>, and VOC emissions shall be calculated on a monthly basis for the 2006 Heat Treat Line

**SECTION D. Source Level Requirements**

based on the most recent AP-42 emission factor multiplied by the fuel usage and the hours of operation.

[Plan Approval 25-066F]

**SECTION D. Source Level Requirements**

Source ID: 112B

Source Name: 2006 (HEAT TREAT 4) QUENCH TANK

Source Capacity/Throughput: 0.980 MMBTU/HR

980.000 CF/HR

Natural Gas

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The emissions from the 2006 Heat Treat Line shall not exceed the following:

- The NO<sub>x</sub> emissions shall not exceed 1.37 lb/hr and 6.0 TPY (based on a 12-month rolling total).
- The CO emissions shall not exceed 2.07 lb/hr and 9.07 TPY (based on a 12-month rolling total).
- The particulate and PM-10 emissions shall not exceed 0.13 lb/hr and 0.57 TPY (based on a 12-month rolling total).
- The SO<sub>x</sub> emissions shall not exceed 0.01 lb/hr and 0.04 TPY (based on a 12-month rolling total).
- The VOC emissions shall not exceed 0.09 lb/hr and 0.40 TPY (based on a 12-month rolling total).

[Compliance with the requirements specified in the streamlined permit conditions (c and d) assures compliance with the provisions in 25 Pa. Code Sections 123.13 and 123.21, respectively].

[Plan Approval 25-066F]

**Fuel Restriction(s).****# 002 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The permittee shall only use natural gas for fuel for all the burners of the 2006 Heat Treat Line.

[Plan Approval 25-066F]

**II. TESTING REQUIREMENTS.****# 003 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The Department reserves the right to require emission testing for any of the burners as may be necessary to determine compliance.

[Plan Approval 25-066F]

**III. MONITORING REQUIREMENTS.**

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

**SECTION D. Source Level Requirements****IV. RECORDKEEPING REQUIREMENTS.****# 004 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The permittee shall keep records of the following for the 2006 Heat Treat Line:

- a) The natural gas usage based on a 12-month rolling total;
- b) The maintenance conducted on each of the sources;
- c) Records of the annual tune-ups and adjustments of the burners;
- d) The emissions based on a 12-month rolling total.

[Plan Approval 25-066F]

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.****# 005 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

- a) The permittee shall monitor the gas usage of each of the sources on a monthly basis.
- b) The permittee shall monitor the temperature of the age furnace, solution furnace, and quench tank on a continuous basis during all hours the sources are utilized.

[Plan Approval 25-066F]

**# 006 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The permittee shall annually inspect and tune each of the burners for the 2006 heat treat line.

[Plan Approval 25-066F]

**VII. ADDITIONAL REQUIREMENTS.****# 007 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The permittee shall install gas meters to measure the amount of natural gas each source utilizes.

[Plan Approval 25-066F]

**# 008 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The permittee shall maintain and operate the sources in accordance with the manufacturer's specifications.

[Plan Approval 25-066F]

**# 009 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

- a) The NO<sub>x</sub> and CO emissions shall be calculated on a monthly basis for the 2006 Heat Treat Line based on the vendors emission factors multiplied by the fuel usage and the hours of operation.
- b) The particulate, PM-10, SO<sub>x</sub>, and VOC emissions shall be calculated on a monthly basis for the 2006 Heat Treat Line

**SECTION D. Source Level Requirements**

based on the most recent AP-42 emission factor multiplied by the fuel usage and the hours of operation.

[Plan Approval 25-066F]



**SECTION D. Source Level Requirements**

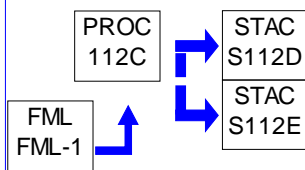
Source ID: 112C

Source Name: 2006 (HEAT TREAT) AGE FURNACE

Source Capacity/Throughput: 5.882 MMBTU/HR

5,882.000 CF/HR

Natural Gas

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The emissions from the 2006 Heat Treat Line shall not exceed the following:

- The NO<sub>x</sub> emissions shall not exceed 1.37 lb/hr and 6.0 TPY (based on a 12-month rolling total).
- The CO emissions shall not exceed 2.07 lb/hr and 9.07 TPY (based on a 12-month rolling total).
- The particulate and PM-10 emissions shall not exceed 0.13 lb/hr and 0.57 TPY (based on a 12-month rolling total).
- The SO<sub>x</sub> emissions shall not exceed 0.01 lb/hr and 0.04 TPY (based on a 12-month rolling total).
- The VOC emissions shall not exceed 0.09 lb/hr and 0.40 TPY (based on a 12-month rolling total).

[Compliance with the requirements specified in the streamlined permit conditions (c and d) assures compliance with the provisions in 25 Pa. Code Sections 123.13 and 123.21, respectively].

[Plan Approval 25-066F]

**Fuel Restriction(s).****# 002 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The permittee shall only use natural gas for fuel for all the burners of the 2006 Heat Treat Line.

[Plan Approval 25-066F]

**II. TESTING REQUIREMENTS.****# 003 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The Department reserves the right to require emission testing for any of the burners as may be necessary to determine compliance.

[Plan Approval 25-066F]

**III. MONITORING REQUIREMENTS.**

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

**SECTION D. Source Level Requirements****IV. RECORDKEEPING REQUIREMENTS.****# 004 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The permittee shall keep records of the following for the 2006 Heat Treat Line:

- a) The natural gas usage based on a 12-month rolling total;
- b) The maintenance conducted on each of the sources;
- c) Records of the annual tune-ups and adjustments of the burners;
- d) The emissions based on a 12-month rolling total.

[Plan Approval 25-066F]

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.****# 005 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

- a) The permittee shall monitor the gas usage of each of the sources on a monthly basis.
- b) The permittee shall monitor the temperature of the age furnace, solution furnace, and quench tank on a continuous basis during all hours the sources are utilized.

[Plan Approval 25-066F]

**# 006 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The permittee shall annually inspect and tune each of the burners for the 2006 heat treat line.

[Plan Approval 25-066F]

**VII. ADDITIONAL REQUIREMENTS.****# 007 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The permittee shall install gas meters to measure the amount of natural gas each source utilizes.

[Plan Approval 25-066F]

**# 008 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The permittee shall maintain and operate the sources in accordance with the manufacturer's specifications.

[Plan Approval 25-066F]

**# 009 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

- a) The NO<sub>x</sub> and CO emissions shall be calculated on a monthly basis for the 2006 Heat Treat Line based on the vendors emission factors multiplied by the fuel usage and the hours of operation.
- b) The particulate, PM-10, SO<sub>x</sub>, and VOC emissions shall be calculated on a monthly basis for the 2006 Heat Treat Line

**SECTION D. Source Level Requirements**

based on the most recent AP-42 emission factor multiplied by the fuel usage and the hours of operation.

[Plan Approval 25-066F]

**SECTION D. Source Level Requirements**

Source ID: 113

Source Name: 7000 TON FORGE LINE 5

Source Capacity/Throughput: 3.600 MMBTU/HR

3.600 MCF/HR Natural Gas

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The emissions of particulate matter from the scrubber shall be limited to 0.02 grains per dry standard cubic foot.

[Plan Approval 25-066I]

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.****# 002 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

Each normal weekday (Monday through Friday) that the source is operated, the facility shall record the venturi scrubber pressure drop and the recirculating water flow to the scrubber. For any weekend or holiday operations, the facility shall ensure that the pressure drop and flow for the venturi scrubber is monitored automatically and the alarm indicator light is operational.

[Plan Approval 25-066I]

**IV. RECORDKEEPING REQUIREMENTS.****# 003 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The company shall record sufficient data so that compliance with the conditions in this Plan Approval can be determined. Records shall be kept for a minimum of five (5) years and shall be made available to the Department upon request.

- a) The company shall maintain a copy of the manufacturer's specifications for the 7000 ton forging press.
- b) The company shall keep a record of:
  - i. the maintenance that is performed on the 7000 ton forging press or the air pollution control system;
  - ii. the date and time of any malfunction of the 7000 ton forging press or the air pollution control system; and,
  - iii. the duration of the malfunction.
- c) The company shall keep a record of the pressure drop across the venturi scrubber in order to demonstrate compliance with this plan approval.
- d) The company shall keep a record of the flow rate to the venturi scrubber in order to demonstrate compliance with this plan approval.

**SECTION D. Source Level Requirements**

[Plan Approval 25-066]

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.****# 004 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

- a) The company shall maintain the pressure drop across the venturi scrubber between 30 inches of water and 45 inches of water, gauge.
- b) The company shall maintain the scrubbing liquid flow rate to the venturi scrubber between 200 gallons per minute and 310 gallons per minute.
- c) The company shall install, operate, and maintain the 7000 ton forging press in accordance with the manufacturer's specifications and/or good air pollution control practices.
- d) The company shall install, operate, and maintain the venturi scrubber in accordance with the manufacturer's specifications and/or good air pollution control practices.
- e) The company shall operate the venturi scrubber whenever the 7000 ton forging press is operated.

[Plan Approval 25-066]

**VII. ADDITIONAL REQUIREMENTS.****# 005 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The die preheat furnace shall only combust pipeline quality natural gas.

[Plan Approval 25-066]

**SECTION D. Source Level Requirements**

Source ID: 114

Source Name: 7000 TON FORGE LINE 6

Source Capacity/Throughput: 3.600 MMBTU/HR

3.600 MCF/HR Natural Gas

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The emissions of particulate matter from the scrubber shall be limited to 0.02 grains per dry standard cubic foot.

[Plan Approval 25-066I]

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.****# 002 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

Each normal weekday (Monday through Friday) that the source is operated, the facility shall record the venturi scrubber pressure drop and the recirculating water flow to the scrubber. For any weekend or holiday operations, the facility shall ensure that the pressure drop and flow for the venturi scrubber is monitored automatically and the alarm indicator light is operational.

[Plan Approval 25-066I]

**IV. RECORDKEEPING REQUIREMENTS.****# 003 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The company shall record sufficient data so that compliance with the conditions in this Plan Approval can be determined. Records shall be kept for a minimum of five (5) years and shall be made available to the Department upon request.

- a) The company shall maintain a copy of the manufacturer's specifications for the 7000 ton forging press.
- b) The company shall keep a record of:
  - i. the maintenance that is performed on the 7000 ton forging press or the air pollution control system;
  - ii. the date and time of any malfunction of the 7000 ton forging press or the air pollution control system; and,
  - iii. the duration of the malfunction.
- c) The company shall keep a record of the pressure drop across the venturi scrubber in order to demonstrate compliance with this plan approval.
- d) The company shall keep a record of the flow rate to the venturi scrubber in order to demonstrate compliance with this plan approval.

**SECTION D. Source Level Requirements**

[Plan Approval 25-066]

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.**

**# 004 [25 Pa. Code §127.12b]**

**Plan approval terms and conditions.**

- a) The company shall maintain the pressure drop across the venturi scrubber between 30 inches of water and 45 inches of water, gauge.
- b) The company shall maintain the scrubbing liquid flow rate to the venturi scrubber between 200 gallons per minute and 310 gallons per minute.
- c) The company shall install, operate, and maintain the 7000 ton forging press in accordance with the manufacturer's specifications and/or good air pollution control practices.
- d) The company shall install, operate, and maintain the venturi scrubber in accordance with the manufacturer's specifications and/or good air pollution control practices.
- e) The company shall operate the venturi scrubber whenever the 7000 ton forging press is operated.

[Plan Approval 25-066]

**VII. ADDITIONAL REQUIREMENTS.**

**# 005 [25 Pa. Code §127.12b]**

**Plan approval terms and conditions.**

The die preheat furnace shall only combust pipeline quality natural gas.

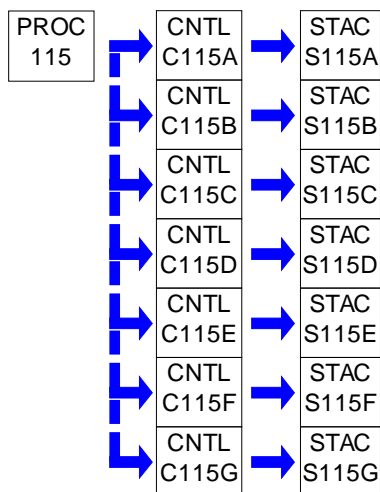
[Plan Approval 25-066]

**SECTION D. Source Level Requirements**

Source ID: 115

Source Name: WHEEL MACHINING LINES 2, 6, 7, 8, 9, 10, &amp; 12

Source Capacity/Throughput: 100.000 Gal/HR

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

# 001 [25 Pa. Code §123.13]

**Processes**

No person may permit the emission into the outdoor atmosphere of particulate matter from this process not listed in subsection (b)(1) in a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grain per dry standard cubic foot, when the effluent gas volume is less than 150,000 dry standard cubic feet per minute.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

**IV. RECORDKEEPING REQUIREMENTS.**

# 002 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall maintain a record of all preventive maintenance inspections of the control device. These records shall at a minimum contain the dates of the inspections, any problems or defects, the actions taken to correct the problem or defects, any routine maintenance performed.

**V. REPORTING REQUIREMENTS.**

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



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

- (a) The permittee shall perform a monthly preventive maintenance inspection, including a filter change, of the smog-hog.
- (b) The permittee shall operate the smog hog at all times that this is in operation. The interlocks shall be maintained to ensure proper operation.
- (c) The permittee shall maintain and operate this source and the smog hog in accordance with the manufacturer's specifications.

**VII. ADDITIONAL REQUIREMENTS.**

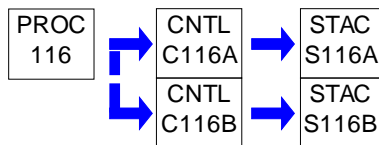
No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**SECTION D. Source Level Requirements**

Source ID: 116

Source Name: POLISHING CELLS (2)

Source Capacity/Throughput: 100.000 Gal/HR

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

# 001 [25 Pa. Code §123.13]

**Processes**

No person may permit the emission into the outdoor atmosphere of particulate matter from this process in a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grain per dry standard cubic foot, when the effluent gas volume is less than 150,000 dry standard cubic feet per minute.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

**IV. RECORDKEEPING REQUIREMENTS.**

# 002 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall maintain records of all preventive maintenance inspections of the control devices. These records shall, at a minimum, contain the dates of the inspections, any problems or defects, the actions taken to correct the problems or defects, and any routine maintenance performed.

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.**

# 003 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

- (a) The permittee shall perform a weekly preventive maintenance inspection of the control device.
- (b) The facility shall not change the gas flow rate through the control device without prior approval from the Department and the system shall be designed and operated to maintain an appropriate water level in the scrubber at all times that the scrubber is in operation.
- (c) The permittee shall operate the scrubbers at all times that the sources are in operation.
- (d) The permittee shall maintain and operate this source and the scrubbers in accordance with the manufacturers' specifications and good air pollution control practices.



## SECTION D. Source Level Requirements

### VII. ADDITIONAL REQUIREMENTS.

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

**SECTION D. Source Level Requirements**

Source ID: 117

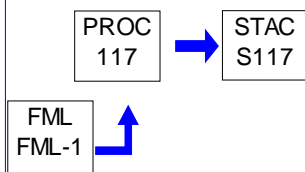
Source Name: EMERGENCY GENERATOR 150 HP SI, NATURAL GAS

Source Capacity/Throughput:

1.012 MMBTU/HR

1.012 MCF/HR

Natural Gas

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

No person may permit the emission into the outdoor atmosphere of particulate matter from any process not listed in subsection (b)(1) in a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grain per dry standard cubic foot, when the effluent gas volume is less than 150,000 dry standard cubic feet per minute.

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

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

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

The permittee shall maintain the emission of NO<sub>x</sub> (Oxides of Nitrogen) less than 100 lbs/hr, 1000 lbs / day, 2.75 tons per ozone season and, 6.6 tons per year on a 12 month rolling basis for the exempt engines in the site.

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

[From 40 CFR §60.4243:]

(d) If you own or operate an emergency stationary ICE, you must operate the emergency stationary ICE according to the requirements in paragraphs (d)(1) through (3) of this section. In order for the engine to be considered an emergency stationary ICE under this subpart, any operation other than emergency operation, maintenance and testing, emergency demand response, and operation in non-emergency situations for 50 hours per year, as described in paragraphs (d)(1) through (3) of this section, is prohibited. If you do not operate the engine according to the requirements in paragraphs (d)(1) through (3) of this section, the engine will not be considered an emergency engine under this subpart and must meet all requirements for non-emergency engines.

(1) There is no time limit on the use of emergency stationary ICE in emergency situations.

(2) You may operate your emergency stationary ICE for any combination of the purposes specified in paragraphs (d)(2)(i) through (iii) of this section for a maximum of 100 hours per calendar year. Any operation for non-emergency situations as allowed by paragraph (d)(3) of this section counts as part of the 100 hours per calendar year allowed by this paragraph (d)(2).

(i) Emergency stationary ICE may be operated for maintenance checks and readiness testing, provided that the tests are recommended by federal, state or local government, the manufacturer, the vendor, the regional transmission organization or equivalent balancing authority and transmission operator, or the insurance company associated with the engine. The owner or operator may petition the Administrator for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the owner or operator maintains records indicating that federal, state, or local standards require maintenance and testing of emergency ICE beyond 100 hours per calendar year.

**SECTION D. Source Level Requirements**

(ii) - (iii) [Paragraphs 60.4243(d)(2)(ii)-(iii) were vacated by the U.S. Court of Appeals on May 1, 2015.]

(3) Emergency stationary ICE may be operated for up to 50 hours per calendar year in non-emergency situations. The 50 hours of operation in non-emergency situations are counted as part of the 100 hours per calendar year for maintenance and testing and emergency demand response provided in paragraph (d)(2) of this section. Except as provided in paragraph (d)(3)(i) of this section, the 50 hours per year for non-emergency situations cannot be used for peak shaving or non-emergency demand response, or to generate income for a facility to an electric grid or otherwise supply power as part of a financial arrangement with another entity.

(i) The 50 hours per year for non-emergency situations can be used to supply power as part of a financial arrangement with another entity if all of the following conditions are met:

(A) The engine is dispatched by the local balancing authority or local transmission and distribution system operator;

(B) The dispatch is intended to mitigate local transmission and/or distribution limitations so as to avert potential voltage collapse or line overloads that could lead to the interruption of power supply in a local area or region.

(C) The dispatch follows reliability, emergency operation or similar protocols that follow specific NERC, regional, state, public utility commission or local standards or guidelines.

(D) The power is provided only to the facility itself or to support the local transmission and distribution system.

(E) The owner or operator identifies and records the entity that dispatches the engine and the specific NERC, regional, state, public utility commission or local standards or guidelines that are being followed for dispatching the engine. The local balancing authority or local transmission and distribution system operator may keep these records on behalf of the engine owner or operator.

(ii) [Reserved]

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

**IV. RECORDKEEPING REQUIREMENTS.**

**# 005 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

The permittee shall maintain a record of generator usage sufficient to determine the NO<sub>x</sub> emission per hour, per day, per month, per ozone season and per year based on 12-months rolling total. Present month's emission shall be added with the previous 11 month's emission to get 12 month rolling total.

**# 006 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

The permittee shall maintain records of all preventive maintenance inspections. These records shall, at a minimum, contain the dates of the inspections, any problems or defects, the actions taken to correct the problem or defects, and any routine maintenance performed.

**SECTION D. Source Level Requirements****V. REPORTING REQUIREMENTS.****# 007 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall keep all required records of NOx emission records onsite for five years for reporting, as required by the Department.

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

The permittee shall maintain this source in accordance with manufacturer's specification and good air pollution control practices.

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

The permittee shall install a non-resettable hour meter in the emergency generator and record the non-emergency running time of the generator based on 12-month rolling total.

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

[From 40 CFR §63.6590:]

(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) Existing stationary RICE.

(iii) For stationary RICE located at an area source of HAP emissions, a stationary RICE is existing if you commenced construction or reconstruction of the stationary RICE before June 12, 2006.

(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;

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

[From 40 CFR §60.4248:]

Emergency stationary internal combustion engine means any stationary reciprocating internal combustion engine that meets all of the criteria in paragraphs (1) through (3) of this definition. All emergency stationary ICE must comply with the requirements specified in §60.4243(d) in order to be considered emergency stationary ICE. If the engine does not comply with the requirements specified in §60.4243(d), then it is not considered to be an emergency stationary ICE under this subpart.

(1) The stationary ICE is operated to provide electrical power or mechanical work during an emergency situation. Examples include stationary ICE used to produce power for critical networks or equipment (including power supplied to portions of a facility) when electric power from the local utility (or the normal power source, if the facility runs on its own power production) is interrupted, or stationary ICE used to pump water in the case of fire or flood, etc.

(2) The stationary ICE is operated under limited circumstances for situations not included in paragraph (1) of this definition, as specified in §60.4243(d).

**SECTION D. Source Level Requirements**

(3) The stationary ICE operates as part of a financial arrangement with another entity in situations not included in paragraph (1) of this definition only as allowed in §60.4243(d)(2)(ii) or (iii) and §60.4243(d)(3)(i).

**SECTION D. Source Level Requirements**

Source ID: 118

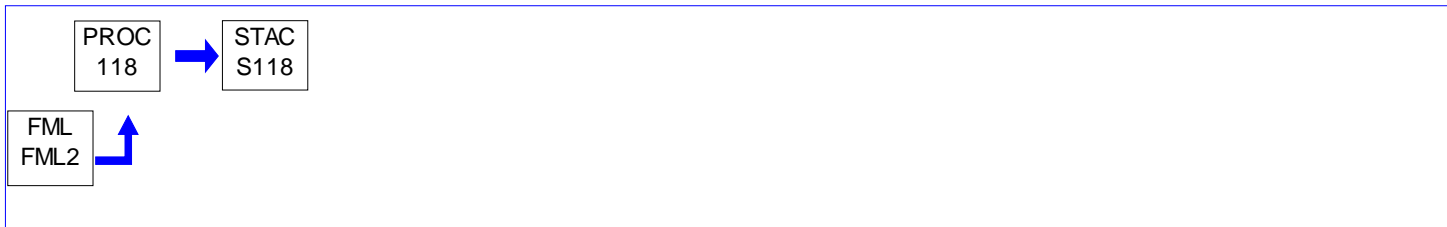
Source Name: EMERGENCY FIRE WATER PUMP, 4CY, DIESEL

Source Capacity/Throughput:

1.015 MMBTU/HR

8.700 Gal/HR

Diesel Fuel

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

No person may permit the emission into the outdoor atmosphere of particulate matter from any process not listed in subsection (b)(1) in a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grain per dry standard cubic foot, when the effluent gas volume is less than 150,000 dry standard cubic feet per minute.

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

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

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

The permittee shall maintain the emission of NO<sub>x</sub> (Oxides of Nitrogen) less than 100 lbs/hr, 1000 lbs / day, 2.75 tons per ozone season and, 6.6 tons per year on a 12 month rolling basis for the exempt engines in the site.

**# 004 [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 combustion engine?**

(a) - (b) [Do not apply]

(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.

[From Table 4 to Subpart III of Part 60]

Maximum engine power	Model year(s)	g/kW-hr (g/hp-hr)		
		NMHC + NOX	CO	PM
75=KW<130 (100=HP<175)	2009 and earlier	10.5 (7.8)	5.0 (3.7)	0.80 (0.60)
	2010+*	4.0 (3.0)		0.30 (0.22)

\*[For model years 2010-2012, manufacturers, owners and operators of fire pump stationary CI ICE in this engine power category with a rated speed of greater than 2,650 rpm may comply with the emission limitations for 2009 model year engines.]

(d) - (f) [Do not apply]

[71 FR 39172, July 11, 2006, as amended at 76 FR 37969, June 28, 2011]

**Fuel Restriction(s).****# 005 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4207]****Subpart III - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines****What fuel requirements must I meet if I am an owner or operator of a stationary CI internal combustion engine subject**



**SECTION D. Source Level Requirements****to this subpart?**

(a) [Does not apply]

(b) Beginning October 1, 2010, owners and operators of stationary CI ICE subject to this subpart with a displacement of less than 30 liters per cylinder that use diesel fuel must use diesel fuel that meets the requirements of 40 CFR 80.510(b) for nonroad diesel fuel, except that any existing diesel fuel purchased (or otherwise obtained) prior to October 1, 2010, may be used until depleted.

-----  
[From 40 CFR 80.510(b):]

(b) Beginning June 1, 2010. Except as otherwise specifically provided in this subpart, all NR and LM diesel fuel is subject to the following per-gallon standards:

(1) Sulfur content.

(i) 15 ppm maximum for NR diesel fuel.

(ii) [Does not apply]

(2) Cetane index or aromatic content, as follows:

(i) A minimum cetane index of 40; or

(ii) A maximum aromatic content of 35 volume percent.

-----  
(c) [Reserved]

(d) - (e) [Do not apply]

[71 FR 39172, July 11, 2006, as amended at 76 FR 37969, June 28, 2011; 78 FR 6695, Jan. 30, 2013]

**Operation Hours Restriction(s).**

**# 006 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4211]**

**Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines**

**What are my compliance requirements if I am an owner or operator of a stationary CI internal combustion engine?**

[From 40 CFR §60.4211(f):]

(f) If you own or operate an emergency stationary ICE, you must operate the emergency stationary ICE according to the requirements in paragraphs (f)(1) through (3) of this section. In order for the engine to be considered an emergency stationary ICE under this subpart, any operation other than emergency operation, maintenance and testing, emergency demand response, and operation in non-emergency situations for 50 hours per year, as described in paragraphs (f)(1) through (3) of this section, is prohibited. If you do not operate the engine according to the requirements in paragraphs (f)(1) through (3) of this section, the engine will not be considered an emergency engine under this subpart and must meet all requirements for non-emergency engines.

(1) There is no time limit on the use of emergency stationary ICE in emergency situations.

(2) You may operate your emergency stationary ICE for any combination of the purposes specified in paragraphs (f)(2)(i) through (iii) of this section for a maximum of 100 hours per calendar year. Any operation for non-emergency situations as allowed by paragraph (f)(3) of this section counts as part of the 100 hours per calendar year allowed by this paragraph (f)(2).

(i) Emergency stationary ICE may be operated for maintenance checks and readiness testing, provided that the tests are recommended by federal, state or local government, the manufacturer, the vendor, the regional transmission organization or equivalent balancing authority and transmission operator, or the insurance company associated with the engine. The owner or operator may petition the Administrator for approval of additional hours to be used for maintenance checks and readiness

**SECTION D. Source Level Requirements**

testing, but a petition is not required if the owner or operator maintains records indicating that federal, state, or local standards require maintenance and testing of emergency ICE beyond 100 hours per calendar year.

(ii) - (iii) [Paragraphs 60.4211(f)(2)(ii)-(iii) were vacated by the U.S. Court of Appeals on May 1, 2015.]

(3) [Does not apply]

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

**# 007 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4209]  
Subpart III - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines  
What are the monitoring requirements if I am an owner or operator of a stationary CI internal combustion engine?**

If you are an owner or operator, you must meet the monitoring requirements of this section. In addition, you must also meet the monitoring requirements specified in §60.4211.

(a) If you are an owner or operator of an emergency stationary CI internal combustion engine that does not meet the standards applicable to non-emergency engines, you must install a non-resettable hour meter prior to startup of the engine.

(b) [Does not apply]

[71 FR 39172, July 11, 2006, as amended at 76 FR 37969, June 28, 2011]

**IV. RECORDKEEPING REQUIREMENTS.**

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

The permittee shall maintain a record of generator usage sufficient to determine the NOx emission per hour, per day, per month, per ozone season and per year based on 12-months rolling total. Present month's emission shall be added with the previous 11 month's emission to get 12 month rolling total.

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

The permittee shall keep and maintain records that certify that the purchased diesel fuel meets the requirements of 40 CFR 80.510(b). The records shall be maintained for a period of five (5) years and made available to the Department upon request.

**V. REPORTING REQUIREMENTS.**

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

The permittee shall keep all required records of NOx emission records onsite for five years for reporting, as required by the Department.

**# 011 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4214]  
Subpart III - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines  
What are my notification, reporting, and recordkeeping requirements if I am an owner or operator of a stationary CI internal combustion engine?**

(a) [Does not apply]

(b) If the stationary CI internal combustion engine is an emergency stationary internal combustion engine, the owner or operator is not required to submit an initial notification. Starting with the model years in table 5 to this subpart, if the

**SECTION D. Source Level Requirements**

emergency engine does not meet the standards applicable to non-emergency engines in the applicable model year, the owner or operator must keep records of the operation of the engine in emergency and non-emergency service that are recorded through the non-resettable hour meter. The owner must record the time of operation of the engine and the reason the engine was in operation during that time.

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 [From Table 5 to Subpart IIII of Part 60]

Engine power	Starting model year
56=KW<130 (75=HP<175)	2012

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 (c) - (d) [Does not apply]

(e) Owners or operators of stationary CI ICE equipped with AECs pursuant to the requirements of 40 CFR 1039.665 must report the use of AECs as required by 40 CFR 1039.665(e).

[71 FR 39172, July 11, 2006, as amended at 78 FR 6696, Jan. 30, 2013; 81 FR 44219, July 7, 2016]

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

The permittee shall maintain this source in accordance with manufacturer's specification and good air pollution control practices.

**# 013 [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.

[76 FR 37969, June 28, 2011]

**# 014 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4211]****Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines****What are my compliance requirements if I am an owner or operator of a stationary CI internal combustion engine?**

(a) If you are an owner or operator and must comply with the emission standards specified in this subpart, you must do all of the following, except as permitted under paragraph (g) of this section:

(1) Operate and maintain the stationary CI internal combustion engine and control device according to the manufacturer's emission-related written instructions;

(2) Change only those emission-related settings that are permitted by the manufacturer; and

(3) Meet the requirements of 40 CFR parts 89, 94 and/or 1068, as they apply to you.

(b) [Does not apply]

(c) If you are an owner or operator of a 2007 model year and later stationary CI internal combustion engine and must comply with the emission standards specified in §60.4204(b) or §60.4205(b), or if you are an owner or operator of a CI fire pump engine that is manufactured during or after the model year that applies to your fire pump engine power rating in table 3 to this subpart and must comply with the emission standards specified in §60.4205(c), you must comply by purchasing an engine certified to the emission standards in §60.4204(b), or §60.4205(b) or (c), as applicable, for the same model year and maximum (or in the case of fire pumps, NFPA nameplate) engine power. The engine must be installed and configured according to the manufacturer's emission-related specifications, except as permitted in paragraph (g) of this section.

**SECTION D. Source Level Requirements**

(d) - (e) [Do not apply]

(f) [Printed under Restrictions in this section of permit.]

(g) If you do not install, configure, operate, and maintain your engine and control device according to the manufacturer's emission-related written instructions, or you change emission-related settings in a way that is not permitted by the manufacturer, you must demonstrate compliance as follows:

(1) [Does not apply]

(2) If you are an owner or operator of a stationary CI internal combustion engine greater than or equal to 100 HP and less than or equal to 500 HP, you must keep a maintenance plan and records of conducted maintenance and must, to the extent practicable, maintain and operate the engine in a manner consistent with good air pollution control practice for minimizing emissions. In addition, you must conduct an initial performance test to demonstrate compliance with the applicable emission standards within 1 year of startup, or within 1 year after an engine and control device is no longer installed, configured, operated, and maintained in accordance with the manufacturer's emission-related written instructions, or within 1 year after you change emission-related settings in a way that is not permitted by the manufacturer.

(3) [Does not apply]

(h) The requirements for operators and prohibited acts specified in 40 CFR 1039.665 apply to owners or operators of stationary CI ICE equipped with AECDs for qualified emergency situations as allowed by 40 CFR 1039.665.

[71 FR 39172, July 11, 2006, as amended at 76 FR 37970, June 28, 2011; 78 FR 6695, Jan. 30, 2013; 81 FR 44219, July 7, 2016]

**VII. ADDITIONAL REQUIREMENTS.**

**# 015 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4200]  
Subpart III - 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) [Does not apply]

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

(i) [Does not apply]

(ii) Manufactured as a certified National Fire Protection Association (NFPA) fire pump engine after July 1, 2006.

(3) [Does not apply]

(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) - (e) [Do not apply]

[71 FR 39172, July 11, 2006, as amended at 76 FR 37967, June 28, 2011]

**# 016 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4218]**

**SECTION D. Source Level Requirements****Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines  
What parts of the General Provisions apply to me?**

Table 8 to this subpart shows which parts of the General Provisions in §§60.1 through 60.19 apply to you.

[Please refer to Table 8 in Subpart IIII.]

**# 017 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4219]  
Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines  
What definitions apply to this subpart?**

[Please refer to 40 CFR §60.4219 for a full list of definitions applicable to Subpart IIII.]

Emergency stationary internal combustion engine means any stationary reciprocating internal combustion engine that meets all of the criteria in paragraphs (1) through (3) of this definition. All emergency stationary ICE must comply with the requirements specified in §60.4211(f) in order to be considered emergency stationary ICE. If the engine does not comply with the requirements specified in §60.4211(f), then it is not considered to be an emergency stationary ICE under this subpart.

(1) The stationary ICE is operated to provide electrical power or mechanical work during an emergency situation. Examples include stationary ICE used to produce power for critical networks or equipment (including power supplied to portions of a facility) when electric power from the local utility (or the normal power source, if the facility runs on its own power production) is interrupted, or stationary ICE used to pump water in the case of fire or flood, etc.

(2) The stationary ICE is operated under limited circumstances for situations not included in paragraph (1) of this definition, as specified in §60.4211(f).

(3) The stationary ICE operates as part of a financial arrangement with another entity in situations not included in paragraph (1) of this definition only as allowed in §60.4211(f)(2)(ii) or (iii) and §60.4211(f)(3)(i).

Fire pump engine means an emergency stationary internal combustion engine certified to NFPA requirements that is used to provide power to pump water for fire suppression or protection.

**SECTION D. Source Level Requirements**

Source ID: 119

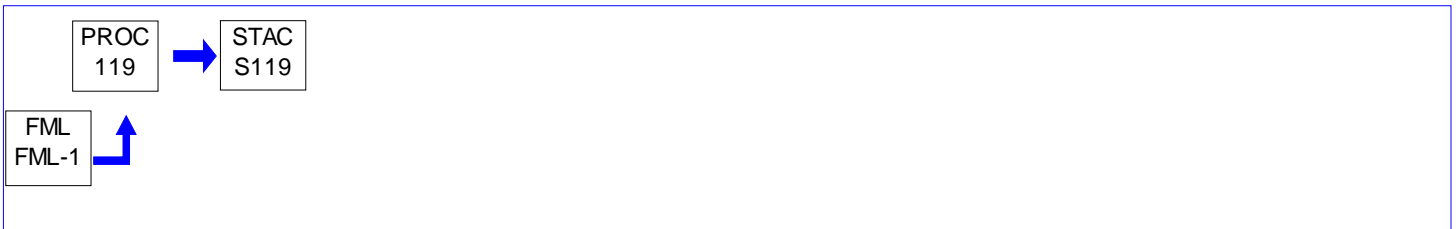
Source Name: (2) KOHLER EMERGENCY GENERATORS (LIGHTING)

Source Capacity/Throughput:

0.313 MMBTU/HR

0.313 MCF/HR

Natural Gas

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

No person may permit the emission into the outdoor atmosphere of particulate matter from any process not listed in subsection (b)(1) in a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grain per dry standard cubic foot, when the effluent gas volume is less than 150,000 dry standard cubic feet per minute.

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

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

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

The permittee shall maintain the emission of NO<sub>x</sub> (Oxides of Nitrogen) less than 100 lbs/hr, 1000 lbs / day, 2.75 tons per ozone season and, 6.6 tons per year on a 12 month rolling basis for the exempt engines in the site.

**Operation Hours Restriction(s).****# 004 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6640]****Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****How do I demonstrate continuous compliance with the emission limitations, operating limitations, and other requirements?**

[From 40 CFR §63.6640(f):]

(f) If you own or operate an emergency stationary RICE, you must operate the emergency stationary RICE according to the requirements in paragraphs (f)(1) through (4) of this section. In order for the engine to be considered an emergency stationary RICE under this subpart, any operation other than emergency operation, maintenance and testing, emergency demand response, and operation in non-emergency situations for 50 hours per year, as described in paragraphs (f)(1) through (4) of this section, is prohibited. If you do not operate the engine according to the requirements in paragraphs (f)(1) through (4) of this section, the engine will not be considered an emergency engine under this subpart and must meet all requirements for non-emergency engines.

(1) There is no time limit on the use of emergency stationary RICE in emergency situations.

(2) You may operate your emergency stationary RICE for any combination of the purposes specified in paragraphs (f)(2)(i) through (iii) of this section for a maximum of 100 hours per calendar year. Any operation for non-emergency situations as allowed by paragraphs (f)(3) and (4) of this section counts as part of the 100 hours per calendar year allowed by this paragraph (f)(2).

(i) Emergency stationary RICE may be operated for maintenance checks and readiness testing, provided that the tests are recommended by federal, state or local government, the manufacturer, the vendor, the regional transmission organization or equivalent balancing authority and transmission operator, or the insurance company associated with the engine. The owner or operator may petition the Administrator for approval of additional hours to be used for maintenance

**SECTION D. Source Level Requirements**

checks and readiness testing, but a petition is not required if the owner or operator maintains records indicating that federal, state, or local standards require maintenance and testing of emergency RICE beyond 100 hours per calendar year.

(ii) - (iii) [Paragraphs 60.6640(f)(2)(ii)-(iii) were vacated by the U.S. Court of Appeals on May 1, 2015.]

(3) - (4) [Do not apply]

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

**# 005 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6625]**

**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines**

**What are my monitoring, installation, operation, and maintenance requirements?**

(a) - (d) [Do not apply]

(e) If you own or operate any of the following stationary RICE, you must operate and maintain the stationary RICE and after-treatment control device (if any) according to the manufacturer's emission-related written instructions or develop your own maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions:

(1) - (2) [Do not apply]

(3) An existing emergency or black start stationary RICE located at an area source of HAP emissions;

(4) - (10) [Do not apply]

(f) If you own or operate an existing emergency stationary RICE with a site rating of less than or equal to 500 brake HP located at a major source of HAP emissions or an existing emergency stationary RICE located at an area source of HAP emissions, you must install a non-resettable hour meter if one is not already installed.

(g) [Does not apply]

(h) If you operate a new, reconstructed, or existing stationary engine, you must minimize the engine's time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes, after which time the emission standards applicable to all times other than startup in Tables 1a, 2a, 2c, and 2d to this subpart apply.

(i) [Does not apply]

(j) If you own or operate a stationary SI engine that is subject to the work, operation or management practices in item 5 of Table 2d to this subpart, you have the option of utilizing an oil analysis program in order to extend the specified oil change requirement in Tables 2d to this subpart. The oil analysis must be performed at the same frequency specified for changing the oil in Table 2d to this subpart. The analysis program must at a minimum analyze the following three parameters: Total Acid Number, viscosity, and percent water content. The condemning limits for these parameters are as follows: Total Acid Number increases by more than 3.0 milligrams of potassium hydroxide (KOH) per gram from Total Acid Number of the oil when new; viscosity of the oil has changed by more than 20 percent from the viscosity of the oil when new; or percent water content (by volume) is greater than 0.5. If all of these condemning limits are not exceeded, the engine owner or operator is not required to change the oil. If any of the limits are exceeded, the engine owner or operator must change the oil within 2 business days of receiving the results of the analysis; if the engine is not in operation when the results of the analysis are received, the engine owner or operator must change the oil within 2 business days or before commencing operation, whichever is later. The owner or operator must keep records of the parameters that are analyzed as part of the program, the

**SECTION D. Source Level Requirements**

results of the analysis, and the oil changes for the engine. The analysis program must be part of the maintenance plan for the engine. [Non-applicable text omitted]

[69 FR 33506, June 15, 2004, as amended at 73 FR 3606, Jan. 18, 2008; 75 FR 9676, Mar. 3, 2010; 75 FR 51589, Aug. 20, 2010; 76 FR 12866, Mar. 9, 2011; 78 FR 6703, Jan. 30, 2013]

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

The permittee shall maintain a record of generator usage sufficient to determine the NO<sub>x</sub> emission per hour, per day, per month, per ozone season and per year based on 12-months rolling total. Present month's emission shall be added with the previous 11 month's emission to get 12 month rolling total.

**# 007 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6655]****Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What records must I keep?**

(a) If you must comply with the emission and operating limitations, you must keep the records described in paragraphs (a)(1) through (a)(5), (b)(1) through (b)(3) and (c) of this section.

(1) A copy of each notification and report that you submitted to comply with this subpart, including all documentation supporting any Initial Notification or Notification of Compliance Status that you submitted, according to the requirement in §63.10(b)(2)(xiv).

(2) Records of the occurrence and duration of each malfunction of operation (i.e., process equipment) or the air pollution control and monitoring equipment.

(3) [Does not apply]

(4) Records of all required maintenance performed on the air pollution control and monitoring equipment.

(5) Records of actions taken during periods of malfunction to minimize emissions in accordance with §63.6605(b), including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation.

(b) - (c) [Do not apply]

(d) You must keep the records required in Table 6 of this subpart to show continuous compliance with each emission or operating limitation that applies to you.

[The requirements from Table 6 are listed in the "Work Practice Requirements" section under 40 CFR 63.6640.]

(e) You must keep records of the maintenance conducted on the stationary RICE in order to demonstrate that you operated and maintained the stationary RICE and after-treatment control device (if any) according to your own maintenance plan if you own or operate any of the following stationary RICE;

(1) [Does not apply]

(2) An existing stationary emergency RICE.

(3) An existing stationary RICE located at an area source of HAP emissions subject to management practices as shown in Table 2d to this subpart.

[The requirements from Table 2d are listed in the "Work Practice Requirements" section under 40 CFR 63.6603.]



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(f) If you own or operate any of the stationary RICE in paragraphs (f)(1) through (2) of this section, you must keep records of the hours of operation of the engine that is recorded through the non-resettable hour meter. The owner or operator must document how many hours are spent for emergency operation, including what classified the operation as emergency and how many hours are spent for non-emergency operation. If the engine is used for the purposes specified in §63.6640(f)(2)(ii) or (iii) or §63.6640(f)(4)(ii), the owner or operator must keep records of the notification of the emergency situation, and the date, start time, and end time of engine operation for these purposes.

(1) [Does not apply]

(2) An existing emergency stationary RICE located at an area source of HAP emissions that does not meet the standards applicable to non-emergency engines.

[69 FR 33506, June 15, 2004, as amended at 75 FR 9678, Mar. 3, 2010; 75 FR 51592, Aug. 20, 2010; 78 FR 6706, Jan. 30, 2013]

**# 008 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6660]**

**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines**

**In what form and how long must I keep my records?**

(a) Your records must be in a form suitable and readily available for expeditious review according to §63.10(b)(1).

(b) As specified in §63.10(b)(1), you must keep each record for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record.

(c) You must keep each record readily accessible in hard copy or electronic form for at least 5 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, according to §63.10(b)(1).

[69 FR 33506, June 15, 2004, as amended at 75 FR 9678, Mar. 3, 2010]

**V. REPORTING REQUIREMENTS.**

**# 009 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

The permittee shall keep all required records of NOx emission records onsite for five years for reporting, as required by the Department.

**# 010 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6640]**

**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines**

**How do I demonstrate continuous compliance with the emission limitations, operating limitations, and other requirements?**

(a) [Printed under Work Practice Requirements]

(b) You must report each instance in which you did not meet each operating limitation in Table 2d to this subpart that apply to you. These instances are deviations from the emission and operating limitations in this subpart. These deviations must be reported according to the requirements in §63.6650. [Non-applicable text omitted]

(c) - (d) [Do not apply]

(e) You must also report each instance in which you did not meet the requirements in Table 8 of this subpart that apply to you. [Non-applicable text omitted]

(f) [Printed under Restrictions in this section of permit.]

[69 FR 33506, June 15, 2004, as amended at 71 FR 20467, Apr. 20, 2006; 73 FR 3606, Jan. 18, 2008; 75 FR 9676, Mar. 3, 2010; 75 FR 51591, Aug. 20, 2010; 78 FR 6704, Jan. 30, 2013]

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

The permittee shall maintain this source in accordance with manufacturer's specification and good air pollution control practices.

**# 012 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6603]****Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What emission limitations, operating limitations, and other requirements must I meet if I own or operate an existing stationary RICE located at an area source of HAP emissions?**

(a) If you own or operate an existing stationary RICE located at an area source of HAP emissions, you must comply with the requirements in Table 2d to this subpart and the operating limitations in Table 2b to this subpart that apply to you.

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[From Table 2d to Subpart ZZZZ of Part 63]

5. For each Emergency stationary SI RICE\*\*, you must meet the following requirement, except during periods of startup...

- a. Change oil and filter every 500 hours of operation or annually, whichever comes first;\*
- b. Inspect spark plugs every 1,000 hours of operation or annually, whichever comes first, and replace as necessary; and
- c. Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.

During periods of startup you must minimize the engine's time spent at idle and minimize the engine's startup time at startup to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes, after which time the non-startup emission limitations apply.

\*[Sources have the option to utilize an oil analysis program as described in §63.6625(i) or (j) in order to extend the specified oil change requirement in Table 2d of this subpart.]

\*\*[If an emergency engine is operating during an emergency and it is not possible to shut down the engine in order to perform the management practice requirements on the schedule required in Table 2d of this subpart, or if performing the management practice on the required schedule would otherwise pose an unacceptable risk under federal, state, or local law, the management practice can be delayed until the emergency is over or the unacceptable risk under federal, state, or local law has abated. The management practice should be performed as soon as practicable after the emergency has ended or the unacceptable risk under federal, state, or local law has abated. Sources must report any failure to perform the management practice on the schedule required and the federal, state or local law under which the risk was deemed unacceptable.]

[78 FR 6709, Jan. 30, 2013]

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(b) - (f) [Do not apply]

[75 FR 9675, Mar. 3, 2010, as amended at 75 FR 51589, Aug. 20, 2010; 76 FR 12866, Mar. 9, 2011; 78 FR 6701, Jan. 30, 2013]

**# 013 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6605]****Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What are my general requirements for complying with this subpart?**

(a) You must be in compliance with the emission limitations, operating limitations, and other requirements in this subpart that apply to you at all times.

(b) At all times you must operate and maintain any affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. The general duty to minimize emissions does not require you to make any further efforts to reduce emissions if levels required by this standard have been achieved. Determination of whether such operation and maintenance procedures are

**SECTION D. Source Level Requirements**

being used will be based on information available to the Administrator which may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source.

[75 FR 9675, Mar. 3, 2010, as amended at 78 FR 6702, Jan. 30, 2013]

**# 014 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6640]****Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****How do I demonstrate continuous compliance with the emission limitations, operating limitations, and other requirements?**

[From 40 CFR §63.6640(a):]

(a) You must demonstrate continuous compliance with each emission limitation, operating limitation, and other requirements in Table 2d to this subpart that apply to you according to methods specified in Table 6 to this subpart.

[The requirements from Table 2d are listed in the "Work Practice Requirements" section under 40 CFR 63.6603.]

[From Table 6 to Subpart ZZZZ of Part 63]

9. For each existing emergency and black start stationary RICE located at an area source of HAP, complying with work or management practices, you must demonstrate continuous compliance by...

- i. Operating and maintaining the stationary RICE according to the manufacturer's emission-related operation and maintenance instructions; or
- ii. Develop and follow your own maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions.

[78 FR 6715, Jan. 30, 2013]

**VII. ADDITIONAL REQUIREMENTS.****# 015 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6580]****Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What is the purpose of subpart ZZZZ?**

Subpart ZZZZ establishes national emission limitations and operating limitations for hazardous air pollutants (HAP) emitted from stationary reciprocating internal combustion engines (RICE) located at major and area sources of HAP emissions. This subpart also establishes requirements to demonstrate initial and continuous compliance with the emission limitations and operating limitations.

[73 FR 3603, Jan. 18, 2008]

**# 016 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6585]****Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****Am I subject to this subpart?**

You are subject to this subpart if you own or operate a stationary RICE at a major or area source of HAP emissions, except if the stationary RICE is being tested at a stationary RICE test cell/stand.

(a) A stationary RICE is any internal combustion engine which uses reciprocating motion to convert heat energy into mechanical work and which is not mobile. Stationary RICE differ from mobile RICE in that a stationary RICE is not a non-road engine as defined at 40 CFR 1068.30, and is not used to propel a motor vehicle or a vehicle used solely for competition.

(b) [Does not apply]

**SECTION D. Source Level Requirements**

(c) An area source of HAP emissions is a source that is not a major source.

(d) If you are an owner or operator of an area source subject to this subpart, your status as an entity subject to a standard or other requirements under this subpart does not subject you to the obligation to obtain a permit under 40 CFR part 70 or 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 as applicable.

(e) - (f) [Do not apply]

[69 FR 33506, June 15, 2004, as amended at 73 FR 3603, Jan. 18, 2008; 78 FR 6700, Jan. 30, 2013]

**# 017 [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) Existing stationary RICE.

(i) - (ii) [Do not apply]

(iii) For stationary RICE located at an area source of HAP emissions, a stationary RICE is existing if you commenced construction or reconstruction of the stationary RICE before June 12, 2006.

(iv) [Does not apply]

(2) - (3) [Do not apply]

(b) - (c) [Do not apply]

[69 FR 33506, June 15, 2004, as amended at 73 FR 3604, Jan. 18, 2008; 75 FR 9674, Mar. 3, 2010; 75 FR 37733, June 30, 2010; 75 FR 51588, Aug. 20, 2010; 78 FR 6700, Jan. 30, 2013]

**# 018 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6595]**

**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines**

**When do I have to comply with this subpart?**

(a) Affected sources. (1) If you have an existing stationary SI RICE located at an area source of HAP emissions, you must comply with the applicable emission limitations, operating limitations, and other requirements no later than October 19, 2013. [Non-applicable text omitted]

(b) [Does not apply]

(c) If you own or operate an affected source, you must meet the applicable notification requirements in §63.6645 and in 40 CFR part 63, subpart A.

[69 FR 33506, June 15, 2004, as amended at 73 FR 3604, Jan. 18, 2008; 75 FR 9675, Mar. 3, 2010; 75 FR 51589, Aug. 20, 2010; 78 FR 6701, Jan. 30, 2013]

**# 019 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6665]**

**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines**

**SECTION D. Source Level Requirements****What parts of the General Provisions apply to me?**

Table 8 to this subpart shows which parts of the General Provisions in §§63.1 through 63.15 apply to you. [Non-applicable text omitted]

[Please refer to Table 8 to Subpart ZZZZ of Part 63.]

[75 FR 9678, Mar. 3, 2010]

**# 020 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6670]****Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****Who implements and enforces this subpart?**

(a) This subpart is implemented and enforced by the U.S. EPA, or a delegated authority such as your State, local, or tribal agency. If the U.S. EPA Administrator has delegated authority to your State, local, or tribal agency, then that agency (as well as the U.S. EPA) has the authority to implement and enforce this subpart. You should contact your U.S. EPA Regional Office to find out whether this subpart is delegated to your State, local, or tribal agency.

(b) In delegating implementation and enforcement authority of this subpart to a State, local, or tribal agency under 40 CFR part 63, subpart E, the authorities contained in paragraph (c) of this section are retained by the Administrator of the U.S. EPA and are not transferred to the State, local, or tribal agency.

(c) The authorities that will not be delegated to State, local, or tribal agencies are:

- (1) Approval of alternatives to the non-opacity emission limitations and operating limitations in §63.6600 under §63.6(g).
- (2) Approval of major alternatives to test methods under §63.7(e)(2)(ii) and (f) and as defined in §63.90.
- (3) Approval of major alternatives to monitoring under §63.8(f) and as defined in §63.90.
- (4) Approval of major alternatives to recordkeeping and reporting under §63.10(f) and as defined in §63.90.
- (5) Approval of a performance test which was conducted prior to the effective date of the rule, as specified in §63.6610(b).

**# 021 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6675]****Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What definitions apply to this subpart?**

[Refer to 40 CFR 63.6675 for definitions applicable to Subpart ZZZZ.]



**SECTION E. Alternative Operation Requirements.**

No Alternative Operations exist for this State Only facility.

**SECTION F. Emission Restriction Summary.**

Source Id	Source Description			
106B	1995 (HEAT TREAT 2) QUENCH TANK			
<b>Emission Limit</b>				<b>Pollutant</b>
4.000	Lbs/MMBTU	over a 1-hour period		SOX
103	7000 TON FORGING PRESS (LINE 4)			
<b>Emission Limit</b>				<b>Pollutant</b>
0.010	gr/DRY FT3			TSP
104	2000 (HEAT TREAT 3) HEAT TREATING FURNACES			
<b>Emission Limit</b>				<b>Pollutant</b>
1.290	Lbs/Hr			CO
5.600	Tons/Yr	based on 8,760 hours of operation per year.		CO
1.770	Lbs/Hr			NOX
7.750	Tons/Hr	based on 8,760 hours of operation per year.		NOX
0.280	Lbs/Hr			PM10
1.230	Tons/Yr	based on 8,760 hours of operation per year.		PM10
0.010	Lbs/Hr			SOX
0.040	Tons/Yr	based on 8,760 hours of operation per year.		SOX
0.130	Lbs/Hr			VOC
0.569	Tons/Yr	based on 8,760 hours of operation per year.		VOC
106A	1995 (HEAT TREAT 2) SOLUTION FURNANCE			
<b>Emission Limit</b>				<b>Pollutant</b>
500.000	PPMV	dry basis		SOX
0.040	gr/DRY FT3			TSP
106C	1995 (HEAT TREAT 2) AGE FURNACE			
<b>Emission Limit</b>				<b>Pollutant</b>
500.000	PPMV	dry basis		SOX
0.040	gr/DRY FT3			TSP
108	PROCESS HEATING - NATURAL GAS USAGE			
<b>Emission Limit</b>				<b>Pollutant</b>
500.000	PPMV	dry basis		SOX
0.040	gr/DRY FT3			TSP
109	MISCELLANEOUS NATURAL GAS USAGE			
<b>Emission Limit</b>				<b>Pollutant</b>
4.000	Lbs/MMBTU	over a 1-hour period.		SOX
500.000	PPMV	dry basis		SOX
0.040	gr/DRY FT3			TSP
110	(5) WHEEL WASHERS (5-10, 285, 885, 985 & ML)			
<b>Emission Limit</b>				<b>Pollutant</b>
500.000	PPMV	dry basis		SOX
0.040	gr/DRY FT3			TSP

**SECTION F. Emission Restriction Summary.**

Source Id	Source Descriptor		
111	(2) CARBOTTOM FURNACES		
<b>Emission Limit</b>		<b>Pollutant</b>	
0.040	gr/DRY FT3	TSP	
112A	2006 (HEAT TREAT 4) SOLUTION FURNACE		
<b>Emission Limit</b>		<b>Pollutant</b>	
2.070	Lbs/Hr	for sources 112A, 112B, and 112C combined	CO
9.070	Tons/Yr	Based on a 12-month rolling total	CO
1.370	Lbs/Hr	for sources 112A, 112B, and 112C combined	NOX
6.000	Tons/Yr	Based on a 12-month rolling total	NOX
0.130	Lbs/Hr	for sources 112A, 112B, and 112C combined	PM10
0.570	Tons/Yr	Based on a 12-month rolling total	PM10
0.010	Lbs/Hr	for sources 112A, 112B, and 112C combined	SOX
0.040	Tons/Yr	Based on a 12-month rolling total	SOX
0.130	Lbs/Hr	for sources 112A, 112B, and 112C combined	TSP
0.570	Tons/Yr	Based on a 12-month rolling total	TSP
0.090	Lbs/Hr	for sources 112A, 112B, and 112C combined	VOC
0.400	Tons/Yr	Based on a 12-month rolling total	VOC
112B	2006 (HEAT TREAT 4) QUENCH TANK		
<b>Emission Limit</b>		<b>Pollutant</b>	
2.070	Lbs/Hr	for sources 112A, 112B, and 112C combined	CO
9.070	Tons/Yr	Based on a 12-month rolling total	CO
1.370	Lbs/Hr	for sources 112A, 112B, and 112C combined	NOX
6.000	Tons/Yr	Based on a 12-month rolling total	NOX
0.130	Lbs/Hr	for sources 112A, 112B, and 112C combined	PM10
0.570	Tons/Yr	Based on a 12-month rolling total	PM10
0.010	Lbs/Hr	for sources 112A, 112B, and 112C combined	SOX
0.040	Tons/Yr	Based on a 12-month rolling total	SOX
0.130	Lbs/Hr	for sources 112A, 112B, and 112C combined	TSP
0.570	Tons/Yr	Based on a 12-month rolling total	TSP
0.090	Lbs/Hr	for sources 112A, 112B, and 112C combined	VOC
0.400	Tons/Yr	Based on a 12-month rolling total	VOC
112C	2006 (HEAT TREAT) AGE FURNACE		
<b>Emission Limit</b>		<b>Pollutant</b>	
2.070	Lbs/Hr	for sources 112A, 112B, and 112C combined	CO
9.070	Tons/Yr	Based on a 12-month rolling total	CO
1.370	Lbs/Hr	for sources 112A, 112B, and 112C combined	NOX
6.000	Tons/Yr	Based on a 12-month rolling total	NOX
0.130	Lbs/Hr	for sources 112A, 112B, and 112C combined	PM10



**SECTION F. Emission Restriction Summary.**

Source Id	Source Descriptor		
0.570	Tons/Yr	Based on a 12-month rolling total	PM10
0.010	Lbs/Hr	for sources 112A, 112B, and 112C combined	SOX
0.040	Tons/Yr	Based on a 12-month rolling total	SOX
0.130	Lbs/Hr	for sources 112A, 112B, and 112C combined	TSP
0.570	Tons/Yr	Based on a 12-month rolling total	TSP
0.090	Lbs/Hr	for sources 112A, 112B, and 112C combined	VOC
0.400	Tons/Yr	Based on a 12-month rolling total	VOC
113	7000 TON FORGE LINE 5		
<b>Emission Limit</b>		<b>Pollutant</b>	
0.020	gr/DRY FT3	TSP	
114	7000 TON FORGE LINE 6		
<b>Emission Limit</b>		<b>Pollutant</b>	
0.020	gr/DRY FT3	TSP	
115	WHEEL MACHINING LINES 2, 6, 7, 8, 9, 10, & 12		
<b>Emission Limit</b>		<b>Pollutant</b>	
0.040	gr/DRY FT3	TSP	
116	POLISHING CELLS (2)		
<b>Emission Limit</b>		<b>Pollutant</b>	
0.040	gr/DRY FT3	TSP	
117	EMERGENCY GENERATOR 150 HP SI, NATURAL GAS		
<b>Emission Limit</b>		<b>Pollutant</b>	
2.750	Tons/OZNESEAS	Sources 117, 118, & 119 combined	NOX
6.600	Tons/Yr	Sources 117, 118, & 119 combined, on a 12-month rolling basis.	NOX
100.000	Lbs/Hr	Sources 117, 118, & 119 combined	NOX
1,000.000	Lbs/Day	Sources 117, 118, & 119 combined	NOX
500.000	PPMV	dry basis	SOX
0.040	gr/DRY FT3	TSP	
118	EMERGENCY FIRE WATER PUMP, 4CY, DIESEL		
<b>Emission Limit</b>		<b>Pollutant</b>	
2.750	Tons/OZNESEAS	Sources 117, 118, & 119 combined	NOX
6.600	Tons/Yr	Sources 117, 118, & 119 combined, on a 12-month rolling basis.	NOX
100.000	Lbs/Hr	Sources 117, 118, & 119 combined	NOX
1,000.000	Lbs/Day	Sources 117, 118, & 119 combined	NOX
3.000	GRAMS/HP-Hr	NOx+NMHC	
4.000	GRAMS/KW-Hr	NOx+NMHC	
500.000	PPMV	dry basis	SOX

**SECTION F. Emission Restriction Summary.**

Source Id	Source Description		
0.040	gr/DRY FT3		TSP
0.220	GRAMS/HP-Hr		TSP
0.300	GRAMS/KW-Hr		TSP
119	(2) KOHLER EMERGENCY GENERATORS (LIGHTING)		
Emission Limit		Pollutant	
2.750	Tons/OZNESEAS	Sources 117, 118, & 119 combined	NOX
6.600	Tons/Yr	Sources 117, 118, & 119 combined, on a 12-month rolling basis.	NOX
100.000	Lbs/Hr	Sources 117, 118, & 119 combined	NOX
1,000.000	Lbs/Day	Sources 117, 118, & 119 combined	NOX
500.000	PPMV	dry basis	SOX
0.040	gr/DRY FT3		TSP

**Site Emission Restriction Summary**

Emission Limit		Pollutant
95.000 Tons/Yr	Based on 12 months rolling total	CO

**SECTION G. Miscellaneous.**

(a) The Sources 103, 113, and 114 are each equipped with one venturi scrubber to control emissions from each forging press.

(b) The Source 108, Process Heating - Natural Gas Usage, is comprised of the following equipment used for the production process. The company's identification numbers are included in parentheses.

- (1) Annealing Oven (4-1)
- (2) Stress Relief Furnace (4-2)
- (3) Large Die Heater (22-20), Bldg #22
- (4) Small Die Heater (22-21), Bldg #22
- (5) Add-in Die Heater (22-24), Bldg #22 (carbottom #3)
- (6) 7000 Ton Press Die Ring Burner (22-18)
- (7) 7000 Ton Press Die Torch (22-19)

(c) The Source 109, Miscellaneous Natural Gas Usage, is comprised of all natural gas-fired equipment not used for the production process. The source consists of numerous space heating units, infrared heaters, air makeup heaters, and hot water heaters located throughout the plant. All of the units are less than 10 MMBtu/hr.

(i) Process units included in this source having stack emissions are subject to the particulate matter and the sulfur oxide emission restrictions 25 Pa. Code §123.13 and 25 Pa. Code §123.21, respectively for process units.

(ii) Combustion units (such as hot water heaters) included in this source having stack emissions are subject to the sulfur oxide emission restriction for combustion units of 25 Pa. Code §123.22.

(d) There are no emission limitations, recordkeeping, reporting, monitoring, testing, work practice standard, or other requirements for the following on-site activities/sources.

- (1) Die Shop Weld Booth
- (2) Aluminum Billet Saw
- (3) (1) Wheel Spinner equipped with Smog Hog (Spinner #4) that vents outdoors
- (4) (4) Each Wheel Spinners equipped with smog hog that vents indoor.
- (5) Mega Wheel Machining Line - consists of (5) milling machines, (5) lathe machines, a CNC machine, a prestress machine,
- (2) handhole machines and (2) Rosler polishers equipped with (8) total smog hogs that vent indoors
- (6) Building 22 Fugitive Emissions (22-12)
- (7) (3) Trim Presses
- (8) Wheel Cooler
- (9) Inter-source Chip Processor
- (10) Miscellaneous Machining Equipment - consists of planers, lathes, metal saws, grinders, and drill presses.
- (11) Hoffman Sandblast Unit
- (12) Quality Department Lathe
- (13) Ventilation Fans
- (14) Plant Maintenance
- (15) Battery Chargers
- (16) Waste Oil/Coolant Tank (wastewater)
- (17) Steam Cleaning Units
- (18) (2) Waste Oil/Coolant centrifuges
- (19) Rosler Polishing Cell (Machine Line 5)
- (20) Wheel Washer unit 585, electrically heated (previously permitted under Source 110)

(e) The capacities listed on page 4 and in Section D of this permit are typical operational capacities and are included for informational purposes. The listed capacities are not to be construed as enforceable limits or maximum capacities. All enforceable limits which apply to any source included in this permit are included in the conditions of this permit.

(f) The actual enforceable emission restrictions for each source, with the correct number of significant digits, are listed in Section D of this permit. The emission restriction summary, Section F, of this permit is for informational purposes only and is not to be used to establish enforceable limits.

(g) The 2006 heat treat line consists of the solution furnace, the quench tank, and the age furnace.

(h) The solution furnace has (1) 7.0 MMBTU/hr burner and (1) 3.0 MMBTU/hr burner.

**SECTION G. Miscellaneous.**

- (i) The quench tank has (1) 1.0 MMBTU/hr burner.
- (j) The age furnace has (3) 2.0 MMBTU/hr burners.
- (k) The tax ID of the corporation in Indiana is 76-0534862-1.
- (l) This permit was administratively amended on 03/20/2008 to incorporate the conditions of plan approval # 25-066F.
- (m) This permit was reissued on March 23, 2009.
- (n) This permit was administratively amended on November 28, 2011 to incorporate the requirements of plan approval 25-066I pertaining to sources 113 and 114. The permit contact was changed to Kevin Maleski - HR/Safety/Env. Mgr. and the responsible official was changed to Mr. Steve Kuhn- Director of Operations.
- (o) The name of permit contact has been changed to Mr. Matt Brady at the time of renewal the permit on April 1, 2014.
- (p) The permit renewed on April 1, 2014.
- (q) S110 (5 Wheel Washer Stacks) consists of the following individual stacks:
  - Machine Line 8: Small combustion stack & larger steam stack - north end of Bldg 3
  - Machine Line 2: Small combustion stack & larger steam stack - north end of Bldg 3
  - Mega Line: Small combustion stack & larger steam stack - north end of Bldg 3
  - Machine Line 9: Small combustion stack & larger steam stack - south end of Bldg 3
  - Machine Line 5 (Rosler): Small combustion stack & larger steam stack - south end of Bldg 3
  - Machine Line 10: Small combustion stack & larger steam stack - west end of Bldg 5
- (r) The permit was renewed as a natural minor on March 23, 2020, with an effective date of March 23, 2020. This includes a change in permit contact.



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

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