



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

TITLE V/STATE OPERATING PERMIT

Issue Date: March 6, 2019

Effective Date: March 6, 2019

Expiration Date: March 5, 2024

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

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

TITLE V Permit No: 49-00003

Federal Tax Id - Plant Code: 20-0078940-1

Owner Information

Name: ACF IND LLC
Mailing Address: 417 N ARCH ST
MILTON, PA 17847-1320

Plant Information

Plant: ACF IND LLC/ MILTON
Location: 49 Northumberland County 49805 Milton Borough
SIC Code: 3743 Manufacturing - Railroad Equipment

Responsible Official

Name: MARK PAULING
Title: PLANT MGR
Phone: (570) 742 - 7601

Permit Contact Person

Name: FRANK WELSH
Title: SAFETY & ENV ADMIN
Phone: (570) 742 - 5327

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



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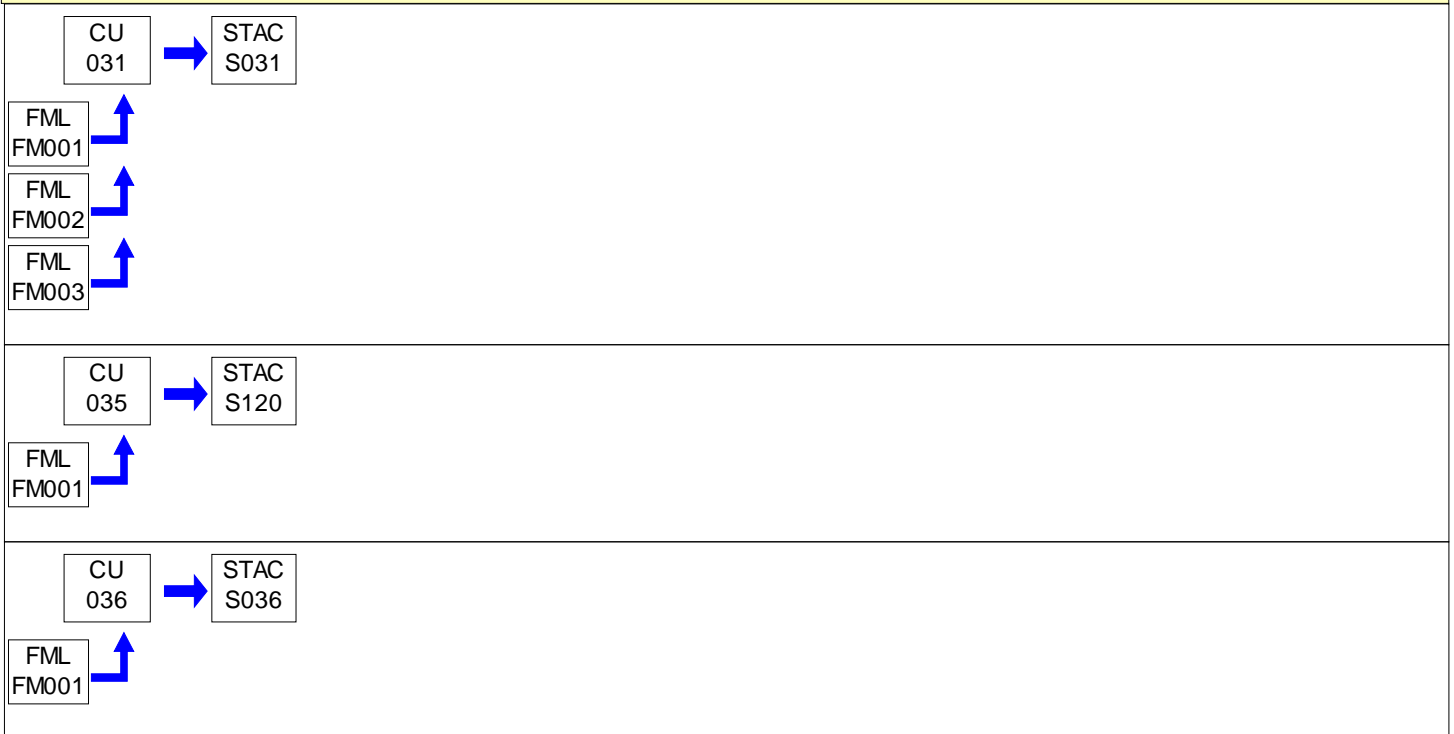
**SECTION A. Site Inventory List**

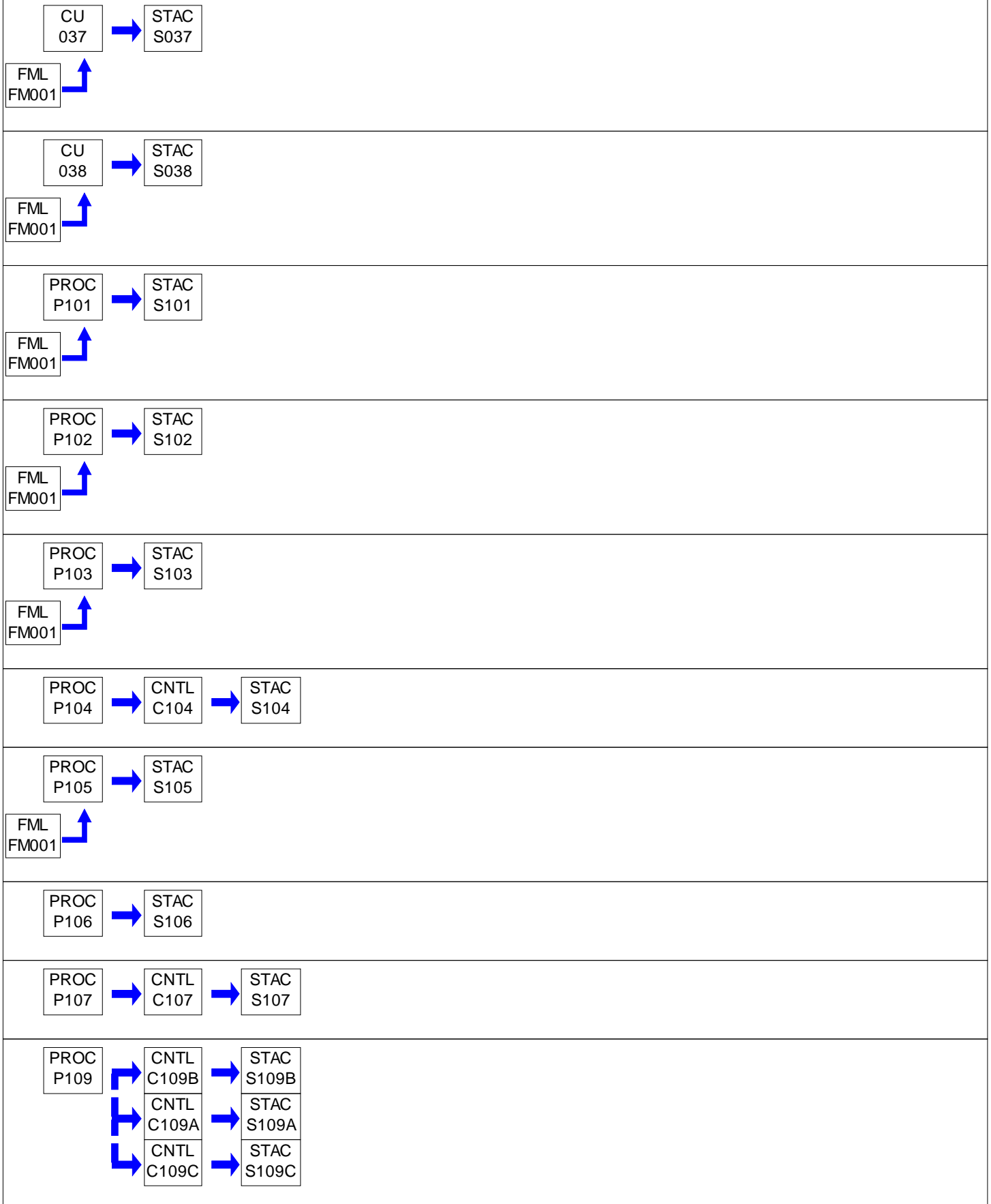
Source ID	Source Name	Capacity/Throughput	Fuel/Material
031	38 HEATERS		
035	HOT WATER BOILER	9.700 MMBTU/HR	
		9.200 MCF/HR	Natural Gas
036	1 HARTZEL HEATER	10.000 MMBTU/HR	
		1.000 BCF/HR	Natural Gas
037	9 HEATERS <2.5 MMBTU/HR	8.600 MCF/HR	Natural Gas
038	2 PAINT SHOP HEATERS	5.400 MMBTU/HR	
		5.400 MCF/HR	Natural Gas
P101	NEW STRESS FURNACE (35 MMBTU/HR)	33.300 MCF/HR	Natural Gas
P102	OLD STRESS FURNACE (35 MMBTU/HR)	33.300 MCF/HR	Natural Gas
P103	HEAD PLATE FURNACE (10 MMBTU/HR)	9.520 MCF/HR	Natural Gas
P104	SURFACE COATING OPERATION		
P105	2 CURING OVENS (2.6 MMBTU/HR EA)	4.800 MCF/HR	Natural Gas
P106	1 FLASH-OFF & 2 CURE STATIONS		
P107	HEAD PLATE GRIT BLASTING OPERATION		
P109	2 RAIL CAR GRIT BLASTING OPERATIONS		
P110	100 PROPANE CUTTING TORCHES		
P111	STENCIL CLEANING		
P112	FURNACE (14.5 MMBTU/HR)	104.000 Gal/HR	#2 Oil
P113	METAL CUTTING OPERATION		
P115	SOLVENT CLEAN UP		
P116	AIR WASH SEPARATOR		
P119	2000 GAL GASOLINE TANK		
P120	2 PETROLEUM STORAGE TANKS		
Z001	ROADWAYS		
Z002	WELDING OPERATIONS		
C104	PAINT SPRAY BOOTH FILTERS		
C107	CANTECH CARTRIDGE COLLECTOR		
C109A	FARR RAMTUBE "OLD"		
C109B	PANGBORN CORP ("NEW")		
C109C	FARR REVERSE PULSE COLLECTOR (NEW)		
FM001	NATURAL GAS LINE		
FM002	#2 OIL TANK		
FM003	PROPANE STORAGE		
S031	HEATER STACK		
S036	HARTZEL HEATER STACK		
S037	9 HEATER STACKS		
S038	PAINT SHOP HEATER STACK		
S101	NEW STRESS FURNACE STACK		
S102	OLD STRESS FURNACE STACK		

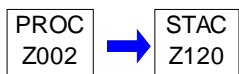
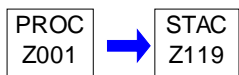
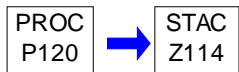
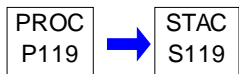
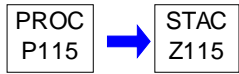
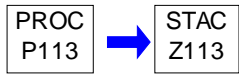
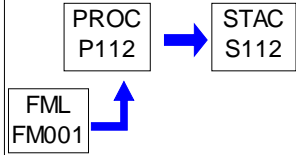
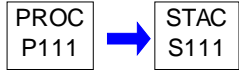
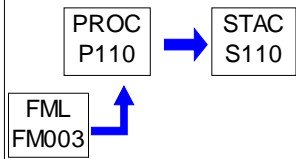
SECTION A. Site Inventory List

Source ID	Source Name	Capacity/Throughput	Fuel/Material
S103	HEAD PLATE FURNACE STACK		
S104	STACKS FOR EXTERIOR COAT		
S105	2 CURING OVEN STACKS		
S106	INT COATING BOOTH STACK		
S107	HOPPER CAR LINING STACK		
S109A	"OLD" FARR RAMTUBE EXHAUST		
S109B	"NEW" PANGBORN EXHAUST		
S109C	"NEW" FARR EXHAUST		
S110	SHOT CLEANER STACK		
S111	SOLVENT CLEANING STACK		
S112	STEEL PARTS FURNACE STACK		
S119	GAS TANK		
S120	TEST SHOP BOILER STACK		
Z113	CUTTING TORCH FUGITIVES		
Z114	FUEL OIL TANKS		
Z115	GASOLINE STORAGE FUGITIVE		
Z119	ROADWAY FUGITIVES		
Z120	WELDING FUGITIVES		

PERMIT MAPS



PERMIT MAPS

PERMIT MAPS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General Title V Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

SECTION B. General Title V Requirements

to determine compliance with the permit.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

R3_Air_Apps_and_Notices@epa.gov

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

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

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

SECTION B. General Title V Requirements

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

R3_Air_Apps_and_Notices@epa.gov

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

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

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

R3_Air_Apps_and_Notices@epa.gov

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

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

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

R3_Air_Apps_and_Notices@epa.gov

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

- (1) Four tons of carbon monoxide from a single source during the term of the permit and 20 tons of carbon monoxide at the facility during the term of the permit.
- (2) One ton of NO_x from a single source during the term of the permit and 5 tons of NO_x at the facility during the term of the permit.
- (3) One and six-tenths tons of the oxides of sulfur from a single source during the term of the permit and 8.0 tons of oxides of sulfur at the facility during the term of the permit.
- (4) Six-tenths of a ton of PM₁₀ from a single source during the term of the permit and 3.0 tons of PM₁₀ at the facility during the term of the permit. This shall include emissions of a pollutant regulated under Section 112 of the Clean Air Act unless precluded by the Clean Air Act or 25 Pa. Code Article III.
- (5) One ton of VOCs from a single source during the term of the permit and 5.0 tons of VOCs at the facility during the term of the permit. This shall include emissions of a pollutant regulated under Section 112 of the Clean Air Act unless precluded by the Clean Air Act or 25 Pa. Code Article III.

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

- (1) Air conditioning or ventilation systems not designed to remove pollutants generated or released from other sources.
- (2) Combustion units rated at 2,500,000 or less Btu per hour of heat input.
- (3) Combustion units with a rated capacity of less than 10,000,000 Btu per hour heat input fueled by natural gas supplied by a public utility, liquefied petroleum gas or by commercial fuel oils which are No. 2 or lighter, viscosity less than or equal to 5.82 c St, and which meet the sulfur content requirements of 25 Pa. Code § 123.22 (relating to combustion units). For purposes of this permit, commercial fuel oil shall be virgin oil which has no reprocessed, recycled or waste material added.
- (4) Space heaters which heat by direct heat transfer.

SECTION B. General Title V Requirements

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General Title V Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

SECTION B. General Title V Requirements

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

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

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

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

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

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

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

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

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

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

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

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

- (1) Section 127.14 (relating to exemptions)

SECTION B. General Title V Requirements

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

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

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

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

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

- (i) Three years after the date on which a regulated substance is first listed under § 68.130; or,
- (ii) The date on which a regulated substance is first present above a threshold quantity in a process.

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

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

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

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

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

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

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

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

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

SECTION B. General Title V Requirements

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

No person may permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in condition #001 (a) (1)-(7) above if the emissions are visible at the point the emissions pass outside the person's property.

003 [25 Pa. Code §123.41]**Limitations**

No person may permit the emission into the outdoor atmosphere of visible air contaminants in such a manner that the opacity of the emission is either of the following:

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

004 [25 Pa. Code §123.42]**Exceptions**

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

- (1) The presence of uncombined water is the only reason for failure of the emission to meet the limitations;
- (2) The emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions;
- (3) The emission results from sources specified in 25 Pa Code Section 123.1(a)(1)-(9).

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

[Additional authority for this permit condition is derived from the permittee requesting the Synthetic Minor restriction]

- (a) The emissions of any hazardous air pollutant (HAP) from all sources at the facility shall not equal or exceed 10 tons in any 12 consecutive month period.
- (b) The emissions of combined hazardous air pollutants (HAPs) from all sources at the facility shall not equal or exceed 25 tons in any 12 consecutive month period.

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

- (a) Pursuant to 25 Pa. Code § 139.3, at least 90 calendar days prior to commencing an EPA reference method testing program, a test protocol shall be submitted to the Department for review and approval. The test protocol shall meet all applicable requirements specified in the most current version of the Department's Source Testing Manual.
- (b) Pursuant to 25 Pa. Code § 139.3, at least 15 calendar days prior to commencing an emission testing program,

SECTION C. Site Level Requirements

notification as to the date and time of testing shall be given to the Northcentral Regional Office. Notification shall also be sent to the Division of Source Testing and Monitoring. Notification shall not be made without prior receipt of a protocol acceptance letter from the Department.

(c) If applicable, pursuant to 40 CFR § 60.8(a), 40 CFR § 61.13(f) and 40 CFR § 63.7(g), complete test reports shall be submitted to the Department no later than 60 calendar days after completion of the on-site testing portion of an EPA reference method test program.

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

1. A statement that the owner or operator has reviewed the report from the emissions testing body and agrees with the findings.
2. Permit number(s) and condition(s) which are the basis for the evaluation.
3. Summary of results with respect to each applicable permit condition.
4. Statement of compliance or non-compliance with each applicable permit condition.

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

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

(g) Pursuant to 25 Pa. Code § 139.53(a)(1) and 139.53(a)(3), two (2) copies of all submittals, besides notifications, shall be sent to the Pennsylvania Department of Environmental Protection, Northcentral Regional Office, Air Quality Program Manager, 208 West Third Street, Suite 101, Williamsport PA, 17701 with deadlines verified through document postmarks.

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

007 [25 Pa. Code §139.1]**Sampling facilities.**

Upon the request of the Department, the person responsible for a source shall provide adequate sampling ports, safe sampling platforms, and adequate utilities for the performance by the Department of tests on such source. The Department will set forth, in the request, the time period in which the facilities shall be provided as well as the specifications for such facilities.

008 [25 Pa. Code §139.11]**General requirements.**

(a) As specified in 25 Pa. Code Section 139.11(1), performance tests shall be conducted while the source is operating at maximum routine operating conditions or under such other conditions, within the capacity of the equipment, as may be requested by the Department.

(b) As specified in 25 Pa. Code Section 139.11(2) the Department will consider for approval where sufficient information is provided to verify the source conditions existing at the time of the test and where adequate data is available to show the manner in which the test was conducted. Information submitted to the Department shall include, as a minimum all of the following:

- (1) A thorough source description, including a description of any air cleaning devices and the flue,
- (2) Process conditions, for example, the charging rate of raw materials or the rate of production of final product, boiler pressure, oven temperature, and other conditions which may effect emissions from the process,
- (3) The location of sampling ports,
- (4) Effluent characteristics, including velocity, temperature, moisture content, gas density (percentage CO, CO₂, O₂ and N₂), static and barometric pressures,
- (5) Sample collection techniques employed, including procedures used, equipment descriptions and data to verify that isokinetic sampling for particulate matter collection occurred and that acceptable test conditions were met,
- (6) Laboratory procedures and results,
- (7) Calculated results.

SECTION C. Site Level Requirements**III. MONITORING REQUIREMENTS.****# 009 [25 Pa. Code §123.43]****Measuring techniques**

Visible emissions may be measured using either of the following:

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

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

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

- (1) The presence of visible emissions,
- (2) The presence of visible fugitive emissions,
- (3) The presence of malodors beyond the boundaries of the facility.

(b) All detected visible emissions, visible fugitive emissions, or malodors that have the potential to exceed applicable limits shall be reported to the manager of the facility.

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

(a) The permittee shall keep records of the supporting calculations on a monthly basis to verify compliance with the 'any HAP' emissions limitation and the 'combined HAPs' emissions limitation from all sources at the facility in any 12 consecutive month period.

(b) These records shall be retained for a minimum of five (5) years and made available to the Department upon request.

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

(a) The permittee shall maintain a logbook of the facility's weekly inspections performed. The logbook shall include the name of the company representative performing the inspection, the date and time of inspections, any instances of exceedances of visible emissions limitations, visible fugitive emissions limitations and malodorous air emissions limitations, and the name of the manager informed if a potential exceedance is observed. The permittee shall also record any and all corrective action(s) taken to abate each recorded deviation to prevent future occurrences.

(b) These records shall be retained for a minimum of five (5) years and made available to the Department upon request.

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

(a) The permittee shall submit reports to the Department on a quarterly basis that include the supporting calculations used to verify compliance with the 'any HAP' emissions limitation and the annual 'combined HAPs' emission limitation for all sources at the facility in any 12 consecutive month period.

(b) The quarterly reports shall be submitted to the Department by no later than June 1, September 1, December 1, and March 1 following the respective preceding calendar quarter. The quarterly reports shall be submitted for the previous 12 consecutive month period: for example, the June 1 submission requires reports for April 1 of the previous year through March 31 of the current year.

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

[Additional authority for this permit condition is also derived from 25 Pa. Code Section 135.3]

(a) The permittee shall submit by March 1 of each year an annual Air Information Management System (AIMS) emission 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.

**SECTION C. Site Level Requirements**

(b) A source owner may request an extension of time from the Department for the filing of an annual Air Information Management System (AIMS) emission report, and the Department may grant the extension for reasonable cause.

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

Upon request by the Department, the permittee shall submit all requested reports in accordance with the Department's suggested format.

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

(a) The permittee shall submit the annual compliance certifications to the Department and EPA Region III, as specified in Condition #026 of Section B, General Title V Requirements, no later than September 1 (from July 1 of the previous year through June 30 of the current year). The following email address shall be used to submit the compliance certifications to EPA Region III:

R3_APD_Permits@epa.gov

(b) The permittee shall submit the semiannual reports of required monitoring to the Department, as specified in Condition #025 of Section B, General Title V Requirements, no later than September 1 (for January 1 through June 30) and March 1 (for July 1 through December 31 of the previous year).

017 [25 Pa. Code §127.442]**Reporting requirements.**

(a) The permittee shall report malfunctions to the Department. A malfunction is any sudden, infrequent, and not reasonably preventable failure of air pollution control equipment, process equipment, or a process to operate in a normal or usual manner. Failures that are caused in part by poor maintenance or careless operation are not malfunctions.

(b) Failures that are caused in part by poor maintenance or careless operation shall be reported as excess emissions or deviations from the operating permit requirements.

(c) When the malfunction, excess emissions or deviation from this operating permit requirements poses an imminent danger to the public health, safety, welfare, or environment shall be reported by telephone to the Department and the County Emergency Management Agency within one (1) hour after the incident. The owner or operator shall submit a written report of instances of such incidents to the Department within three (3) business days of the telephone report.

(d) Except as reported to the Department in accordance with 25 Pa. Code Chapter 139 and the Department's Continuous Source Monitoring Manual, any malfunction or excess emissions that is not subject to the notice requirements of subsection (c) of this operating permit condition shall be reported to the Department within 24 hours of discovery or the next business day. In notifying the Department, the permittee shall describe the following:

- (i) name and location of the facility;
- (ii) nature and cause of the malfunction or breakdown;
- (iii) time when the malfunction or breakdown was first observed;
- (iv) expected duration of excess emissions;
- (v) estimated rate of emissions; and
- (vi) corrective actions or preventative measures taken.

(e) The permittee shall notify the Department within 24 hours, or the next business day, when corrective measures have been accomplished.

(f) Upon the request of the Department, the permittee shall submit a full written report to the Regional Air Program Manager within 15 days of the malfunction, excess emissions or deviation from the operating permit requirements.

018 [25 Pa. Code §135.21]**Emission statements**

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

(b) The annual emission statements are due by March 1 for the preceding calendar year and shall contain a certification by

SECTION C. Site Level Requirements

a company officer or the plant manager that the information contained in the statement is accurate. The permittee shall provide data consistent with requirements and guidance developed by the EPA.

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

- (1) A more frequent submission is required by the EPA,
- (2) Analysis of the data on a more frequent basis is necessary to implement the requirements of the Air Pollution Control Act.

VI. WORK PRACTICE REQUIREMENTS.**# 019 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

For any source specified in 25 Pa. Code Section 123.1 subsection(s) (a)(1)-(7) or (a)(9), the permittee shall take all reasonable actions to prevent particulate matter from becoming airborne. These actions shall include, but not be limited to, the following:

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

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

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.96 - 129.100.]

In accordance with 25 Pa. Code Section 129.97(c), the permittee shall maintain and operate each source at this facility subject to the presumptive RACT requirements of 25 Pa. Code Section 129.97 in accordance with the manufacturer's specifications and with good operating practices.

VII. ADDITIONAL REQUIREMENTS.**# 021 [25 Pa. Code §121.7]****Prohibition of air pollution.**

No person may permit air pollution as that term is defined in the act [The Air Pollution Control Act (35 P.S. §§ 4001-4015)].

022 [25 Pa. Code §123.31]**Limitations**

No person may permit the emission into the outdoor atmosphere of any malodorous air contaminants from any source in a manner that the malodors are detectable outside the property of the person on whose land the source is being operated.

023 [25 Pa. Code §129.14]**Open burning operations**

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

VIII. COMPLIANCE CERTIFICATION.

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

IX. COMPLIANCE SCHEDULE.

No compliance milestones exist.

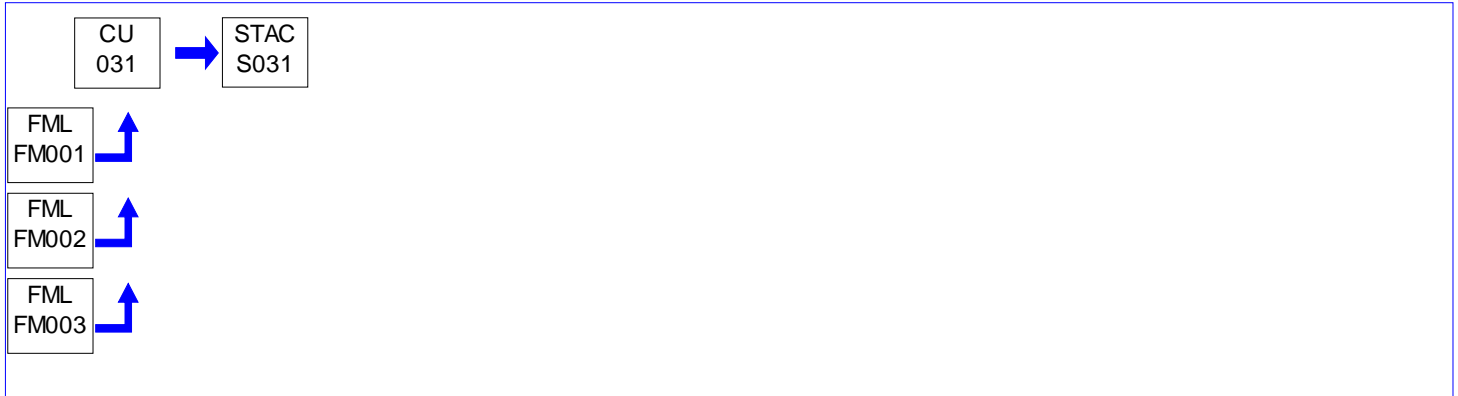
***** Permit Shield In Effect *****

SECTION D. Source Level Requirements

Source ID: 031

Source Name: 38 HEATERS

Source Capacity/Throughput:

**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 SO₂, from each heater of Source ID 031 in excess of the rate of 4 pounds per million BTU of heat input over any 1-hour period.

Fuel Restriction(s).**# 002 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall only use natural gas, #2 oil or lighter, or liquified petroleum gas as fuel for the following heaters of Source ID 031:

- (1) Maxxon, 2.000 MMBTU/hr, located in the new blast area,
- (2) Maxxon, 2.000 MMBTU/hr, located in the old blast area,
- (3) Maxxon, 2.000 MMBTU/hr, located in the paint shop,
- (4) Maxxon, 2.000 MMBTU/hr, located in the paint shop,
- (5) Dravo Hastings, 2.200 MMBTU/hr, located in the pole barn area,
- (6) Dravo Hastings, 2.225 MMBTU/hr, located in the test shop,
- (7) Dravo Hastings, 2.225 MMBTU/hr, located in the pole barn hopper car finishing area,
- (8) Maxxon, 2.000 MMBTU/hr, plasma heater
- (9) 0.882 MMBTU/hr heater located in the main office,
- (10) 0.882 MMBTU/hr heater located in the engineering office,
- (11) 0.550 MMBTU/hr heater located in the truck shop,
- (12) Modine, 0.650 MMBTU/hr, located in the tool room,
- (13) 0.100 MMBTU/hr heater located in the truck shop,
- (14) 0.100 MMBTU/hr heater located in the fabrication shop,
- (15) 0.100 MMBTU/hr heater located in the fabrication shop,
- (16) 0.304 MMBTU/hr heater located in the paint shop,
- (17) 0.830 MMBTU/hr heater located in the new fabrication shop parts forging tong area,
- (18) 0.830 MMBTU/hr heater located in the new fabrication shop parts forging tong area,
- (19) 0.830 MMBTU/hr heater located in the new fabrication shop parts forging tong area,
- (20) 0.630 MMBTU/hr heater located in the new fabrication shop small parts heating area,
- (21) 0.630 MMBTU/hr heater located in the new fabrication shop small parts heating area,
- (22) 0.630 MMBTU/hr heater located in the new fabrication shop small parts heating area,
- (23) 0.580 MMBTU/hr heater located in the fabrication shop parts area,
- (24) Dravo Hastings, 1.000 MMBTU/hr, located in Department 101,
- (25) Dravo Hastings, 1.000 MMBTU/hr, located in Department 101,
- (26) Modine, 0.240 MMBTU/hr, located in the locomotive repair shop,

**SECTION D. Source Level Requirements**

- (27) Modine, 0.240 MMBTU/hr, located in the locomotive repair shop,
- (28) Modine, 0.240 MMBTU/hr, located in the tool room,
- (29) Modine, 0.240 MMBTU/hr, located in the tool room,
- (30) 0.300 MMBTU/hr heater located in the mill wright shop.
- (31) King, 1.225 MMBTU/hr
- (32) Modine, 0.240 MMBTU/hr, located in the maintenance shop,
- (33) Dravo Hastings, 0.250 MMBTU/hr, located in the exterior polish room,
- (34) 0.882 MMBTU/hr hot water heater for tool room hot water,
- (35) RayPac hot water heater, 2.5 MMBTU/hr, for the west side showers hot water.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Section 123.22(a)(2)]

Any #2 fuel oil or diesel fuel fired in the applicable heaters of Source ID 031 shall be virgin fuel to which no reclaimed or waste oil or other waste materials have been added. Additionally, the sulfur content shall not, at any time, exceed 0.05% (by weight).

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

The permittee shall perform tests (in accordance with the provisions of 25 Pa. Code Chapter 139) or provide a fuel certification report of the percent sulfur by weight of each delivery of #2 or lighter fuel oil.

OR

The permittee shall keep records of fuel certification reports obtained yearly from the fuel oil supplier stating that the sulfur percentage for each shipment of fuel delivered to the facility during the year shall not exceed 0.05% sulfur by weight for #2 or lighter fuel oil.

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

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

Source ID 031 consists of the following 38 combustion units with a rating of 2.5 million BTU per hour or less:

**SECTION D. Source Level Requirements**

- (a) One (1) King model GLODTM heater, rated at 1.225 million BTU per hour, natural gas fired,
- (b) Four (4) Maxxon heaters, rated at 2 million BTU per hour each, natural gas fired, one located in the new blast area, one located in the old blast area, two located in the paint shop,
- (c) One (1) Dravo Hastings model 88-GO-05/813015 heater, rated at 2.2 million BTU per hour, natural gas fired, located in the pole barn area,
- (d) One (1) Dravo Hastings model CF229-GL02 heater, rated at 2.225 million BTU per hour, natural gas fired, located in the test shop,
- (e) One (1) Dravo Hastings model CF-GL02 heater, rated at 2.225 million BTU per hour, natural gas fired, located in the pole barn hopper car finishing area,
- (f) One (1) Maxxon heater, rated at 2 million BTU per hour, natural gas fired, plasma heater,
- (g) Two (2) heaters, rated at 0.882 million BTU per hour each, #2 fuel oil fired, one located in the main office and one located in the engineering office,
- (i) One (1) heater, rated at 0.55 million BTU per hour, natural gas fired, located in the truck shop,
- (k) One (1) Modine heater, rated at 0.65 million BTU per hour, natural gas fired, located in the tool room,
- (l) One (1) Modine heater, rated at 0.24 million BTU per hour, natural gas fired, located in the maintenance shop,
- (m) One (1) Dravo Hastings heater, rated at 0.25 million BTU per hour, natural gas fired, located in the exterior polish room,
- (n) Three (3) heaters, rated at 0.10 million BTU per hour each, natural gas fired, one located in the truck shop, two located in the fabrication shop,
- (o) One (1) hot water heater, rated at 0.882 million BTU per hour, propane fired, used for tool room hot water,
- (p) One (1) heater, rated at 0.304 million BTU per hour, natural gas fired, located in the paint shop,
- (q) Three (3) heaters, rated at 0.83 million BTU per hour each, natural gas fired, located in the new fabrication shop parts forging tong area,
- (r) Three (3) heaters, rated at 0.63 million BTU per hour each, natural gas fired, located in the new fabrication shop small parts heating area,
- (s) One (1) heater, rated at 0.58 million BTU per hour, natural gas fired, located in the fabrication shop parts area,
- (t) One (1) Ray Pac model W1 2500A BDDRDAA hot water heater, rated at 2.5 million BTU per hour, propane fired, used for west side showers hot water,
- (u) Two (2) Dravo Hastings heaters, rated at 1 million BTU per hour, natural gas fired, one located in the old hopper shop, one located in the head press area,
- (v) Four (4) Modine heaters, rated at 0.24 million BTU per hour each, natural gas fired, two located in the locomotive repair shop, two located in the tool room,
- (w) One (1) heater, rated at 0.30 million BTU per hour, natural gas fired, located in the mill wright shop.

*** Permit Shield in Effect. ***

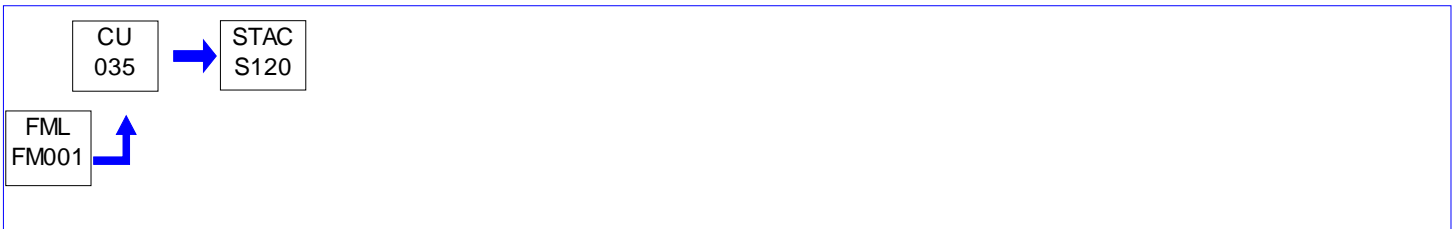
SECTION D. Source Level Requirements

Source ID: 035

Source Name: HOT WATER BOILER

Source Capacity/Throughput: 9.700 MMBTU/HR

9.200 MCF/HR Natural Gas

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

001 [25 Pa. Code §123.11]

Combustion units

No person may permit the emission of particulate matter from Source ID 035 into the outdoor atmosphere in excess of 0.40 pound per million BTU of heat input.

002 [25 Pa. Code §123.22]

Combustion unitsNo person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO₂, from Source ID 035 in excess of the rate of 4 pounds per million BTU of heat input over any 1-hour period.**Fuel Restriction(s).**

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall only use natural gas as fuel for Source ID 035.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

**SECTION D. Source Level Requirements****VII. ADDITIONAL REQUIREMENTS.****# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Source ID 035 is an E. Keeler model DS-8-1 natural gas fired test shop hot water boiler, rated at 9.7 million BTU per hour.

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

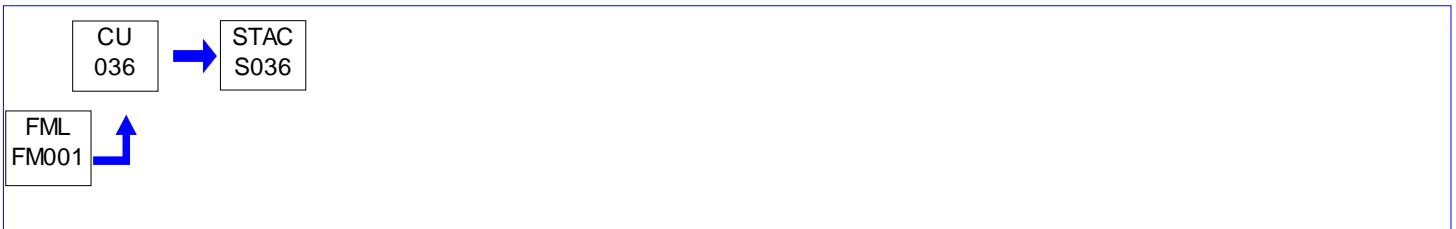
**SECTION D. Source Level Requirements**

Source ID: 036

Source Name: 1 HARTZEL HEATER

Source Capacity/Throughput: 10.000 MMBTU/HR

1.000 BCF/HR Natural Gas

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

001 [25 Pa. Code §123.11]

Combustion units

No person may permit the emission of particulate matter from Source ID 036 into the outdoor atmosphere in excess of 0.40 pound per million BTU of heat input.

002 [25 Pa. Code §123.22]

Combustion units

No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO₂, from Source ID 036 in excess of the rate of 4 pounds per million BTU of heat input over any 1-hour period.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional Authority for this permit condition is also derived from 25 Pa. Code Section 129.91]

The potential to emit volatile organic compounds from the following source category shall never exceed 3 pounds per hour, 15 pounds per day, or 2.7 tons in any 12 consecutive month period. Should any of these limitations ever be exceeded, a detailed RACT analysis which meets the criteria specified in 25 Pa. Code Section 129.92 must be submitted to the Department for the source category.

The source category includes: two (2) stress furnaces (Source IDs P101 and P102), three (3) heaters (Source IDs 036 and 038), one (1) head plate furnace (Source ID P103), seven (7) lining heaters and two (2) new fabrication heaters (Source ID 037), and 100 cutting torches (Source ID P110).

Fuel Restriction(s).

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall only use natural gas as fuel for Source ID 036.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

SECTION D. Source Level Requirements

- (a) The permittee shall keep records of the supporting calculations to verify compliance with the volatile organic compound (VOC) emissions limitations specified for the source category.
- (b) The permittee shall maintain comprehensive and accurate records of the total amount of natural gas used in any 12 consecutive month period in Source ID 036.
- (c) These records shall be retained for a minimum of five (5) years and made available to the Department upon request.

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

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

The permittee shall submit calculations to the Department by no later than March 1 (for January 1 through December 31 of the previous year) that will demonstrate compliance with the volatile organic compound emissions limitations specified for the source category linked with Source ID 036.

VI. WORK PRACTICE REQUIREMENTS.

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

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

Source ID 036 is a Hartzell model 61003 natural gas fired Department 102 heater, rated at 10 million BTU per hour.

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

SECTION D. Source Level Requirements

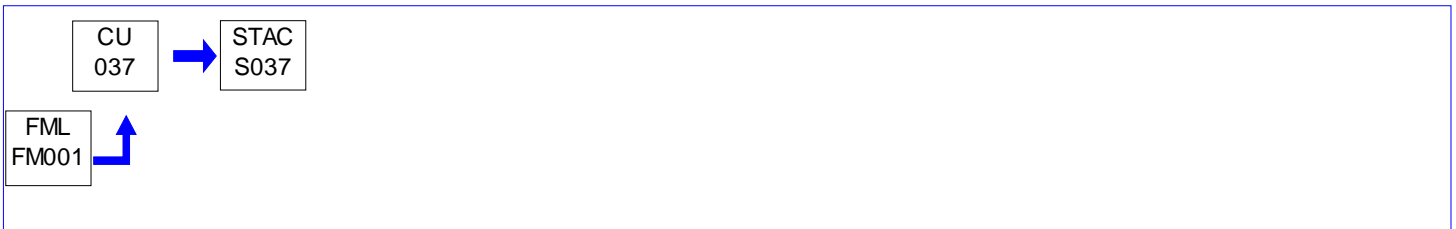
Source ID: 037

Source Name: 9 HEATERS <2.5 MMBTU/HR

Source Capacity/Throughput:

8.600 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 SO₂, from each heater of Source ID 037 in excess of the rate of 4 pounds per million BTU of heat input over any 1-hour period.

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

[Additional Authority for this permit condition is also derived from 25 Pa. Code Section 129.91]

The potential to emit volatile organic compounds from the following source category shall never exceed 3 pounds per hour, 15 pounds per day, or 2.7 tons in any 12 consecutive month period. Should any of these limitations ever be exceeded, a detailed RACT analysis which meets the criteria specified in 25 Pa. Code Section 129.92 must be submitted to the Department for the source category.

The source category includes: two (2) stress furnaces (Source IDs P101 and P102), three (3) heaters (Source IDs 036 and 038), one (1) head plate furnace (Source ID P103), seven (7) lining heaters and two (2) new fabrication heaters (Source ID 037), and 100 cutting torches (Source ID P110).

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

The permittee shall only use natural gas as fuel for each heater of Source ID 037.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

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

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

(a) The permittee shall keep records of the supporting calculations to verify compliance with the volatile organic compound (VOC) emissions limitations specified for the source category.

(b) The permittee shall maintain comprehensive and accurate records of the total amount of natural gas used in any 12

SECTION D. Source Level Requirements

consecutive month period in all heaters associated with Source ID 037.

(c) These records shall be retained for a minimum of five (5) years and made available to the Department upon request.

V. REPORTING REQUIREMENTS.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

The permittee shall submit calculations to the Department by no later than March 1 (for January 1 through December 31 of the previous year) that will demonstrate compliance with the volatile organic compound emissions limitations specified for the source category linked with Source ID 037.

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID 037 consists of 9 combustion units with the following descriptions:

- (a) Two (2) Dravo Hastings model CF-1000-62 natural gas fired fabrication shop heaters, rated at 1 million BTU per hour,
- (b) Seven (7) Maxxon natural gas fired railcar lining heaters, rated at 1 million BTU per hour.

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

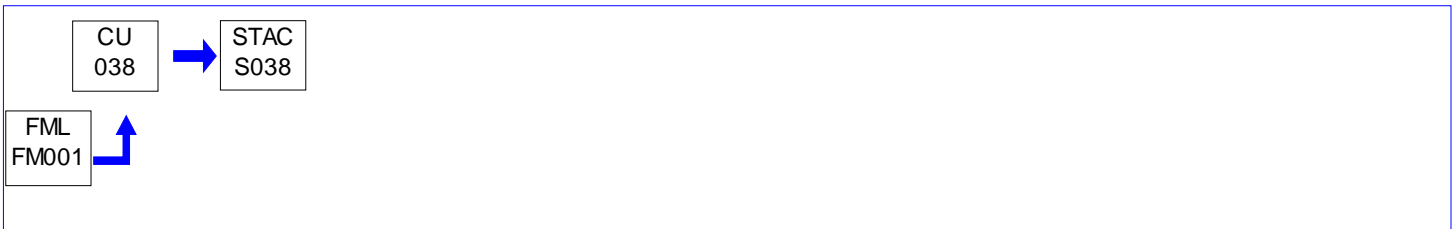
SECTION D. Source Level Requirements

Source ID: 038

Source Name: 2 PAINT SHOP HEATERS

Source Capacity/Throughput: 5.400 MMBTU/HR

5.400 MCF/HR Natural Gas

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

No person may permit the emission of particulate matter from each heater of Source ID 038 into the outdoor atmosphere in excess of 0.40 pound per million BTU of heat input.

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

No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO₂, from each heater of Source ID 038 in excess of the rate of 4 pounds per million BTU of heat input over any 1-hour period.

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

[Additional Authority for this permit condition is also derived from 25 Pa. Code Section 129.91]

The potential to emit volatile organic compounds from the following source category shall never exceed 3 pounds per hour, 15 pounds per day, or 2.7 tons in any 12 consecutive month period. Should any of these limitations ever be exceeded, a detailed RACT analysis which meets the criteria specified in 25 Pa. Code Section 129.92 must be submitted to the Department for the source category.

The source category includes: two (2) stress furnaces (Source IDs P101 and P102), three (3) heaters (Source IDs 036 and 038), one (1) head plate furnace (Source ID P103), seven (7) lining heaters and two (2) new fabrication heaters (Source ID 037), and 100 cutting torches (Source ID P110).

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

The permittee shall only use natural gas as fuel for each heater of Source ID 038.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

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

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

SECTION D. Source Level Requirements

- (a) The permittee shall keep records of the supporting calculations to verify compliance with the volatile organic compound (VOC) emissions limitations specified for the source category.
- (b) The permittee shall maintain comprehensive and accurate records of the total amount of natural gas used in any 12 consecutive month period in both heaters associated with Source ID 038.
- (c) These records shall be retained for a minimum of five (5) years and made available to the Department upon request.

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

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

The permittee shall submit calculations to the Department by no later than March 1 (for January 1 through December 31 of the previous year) that will demonstrate compliance with the volatile organic compound emissions limitations specified for the source category linked with Source ID 038.

VI. WORK PRACTICE REQUIREMENTS.

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

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

Source ID 038 consists of two (2) BCP-GASMAC model ADM-550 natural gas fired heaters, each rated at 5.4 million BTU per hour.

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

SECTION D. Source Level Requirements

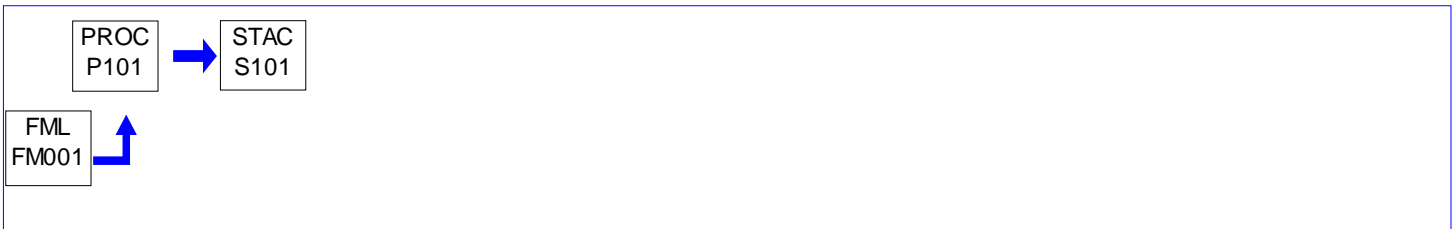
Source ID: P101

Source Name: NEW STRESS FURNACE (35 MMBTU/HR)

Source Capacity/Throughput:

33.300 MCF/HR

Natural Gas

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

001 [25 Pa. Code §123.13]

Processes

No person may permit the emission of particulate matter from Source ID P101 into the outdoor atmosphere in a manner such that the concentration in the effluent gas exceeds 0.04 grain per dry standard cubic foot.

002 [25 Pa. Code §123.21]

General

No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO₂, from Source ID P101 in a manner such that the concentration in the effluent gas exceeds 500 parts per million, by volume, dry basis.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional Authority for this permit condition is also derived from 25 Pa. Code Section 129.91]

The potential to emit volatile organic compounds from the following source category shall never exceed 3 pounds per hour, 15 pounds per day, or 2.7 tons in any 12 consecutive month period. Should any of these limitations ever be exceeded, a detailed RACT analysis which meets the criteria specified in 25 Pa. Code Section 129.92 must be submitted to the Department for the source category.

The source category includes: two (2) stress furnaces (Source IDs P101 and P102), three (3) heaters (Source IDs 036 and 038), one (1) head plate furnace (Source ID P103), seven (7) lining heaters and two (2) new fabrication heaters (Source ID 037), and 100 cutting torches (Source ID P110).

Fuel Restriction(s).

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall only use natural gas as fuel for Source ID P101.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

SECTION D. Source Level Requirements

- (a) The permittee shall keep records of the supporting calculations to verify compliance with the volatile organic compound (VOC) emissions limitations specified for the source.
- (b) The permittee shall maintain comprehensive and accurate records of the total amount of natural gas used in any 12 consecutive month period in Source ID P101.
- (c) The permittee shall keep records of the total number of times in any 12 consecutive month period slag is added to Source P101 for purposes of water removal by evaporation.
- (d) These records shall be retained for a minimum of five (5) years and made available to the Department upon request.

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

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

The permittee shall submit calculations to the Department by no later than March 1 (for January 1 through December 31 of the previous year) that will demonstrate compliance with the volatile organic compound emissions limitations specified for the source category linked with Source ID P101.

VI. WORK PRACTICE REQUIREMENTS.

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

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

Source ID P101 is a 1969 vintage, Flinn & Dreifein natural gas fired tank car stress relieving furnace, rated at 35 million BTU per hour.

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

The permittee may evaporate water from slag produced from torch cutting operations at the facility using waste heat from P101 a maximum of 6 times in any 12 consecutive month period. The slag shall not contain cutting oils, solvents, coatings or substances containing volatile organic compounds or volatile organic hazardous air pollutants.

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

SECTION D. Source Level Requirements

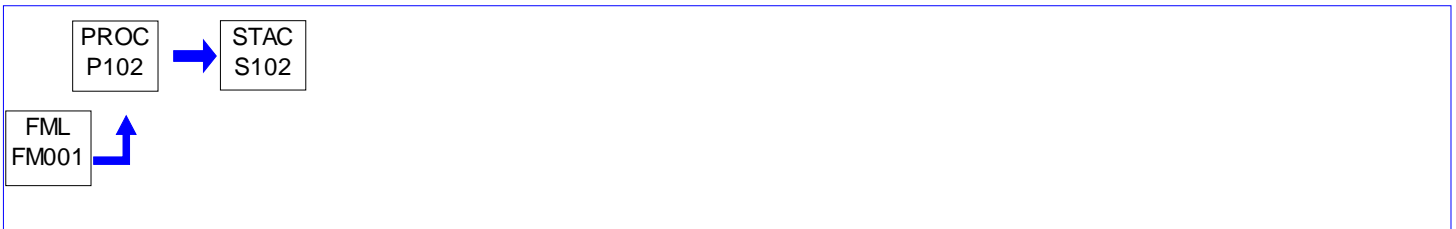
Source ID: P102

Source Name: OLD STRESS FURNACE (35 MMBTU/HR)

Source Capacity/Throughput:

33.300 MCF/HR

Natural Gas

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

001 [25 Pa. Code §123.13]

Processes

No person may permit the emission of particulate matter from Source ID P102 into the outdoor atmosphere in a manner such that the concentration in the effluent gas exceeds 0.04 grain per dry standard cubic foot.

002 [25 Pa. Code §123.21]

General

No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO₂, from Source ID P102 in a manner such that the concentration in the effluent gas exceeds 500 parts per million, by volume, dry basis.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional Authority for this permit condition is also derived from 25 Pa. Code Section 129.91]

The potential to emit volatile organic compounds from the following source category shall never exceed 3 pounds per hour, 15 pounds per day, or 2.7 tons in any 12 consecutive month period. Should any of these limitations ever be exceeded, a detailed RACT analysis which meets the criteria specified in 25 Pa. Code Section 129.92 must be submitted to the Department for the source category.

The source category includes: two (2) stress furnaces (Source IDs P101 and P102), three (3) heaters (Source IDs 036 and 038), one (1) head plate furnace (Source ID P103), seven (7) lining heaters and two (2) new fabrication heaters (Source ID 037), and 100 cutting torches (Source ID P110).

Fuel Restriction(s).

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall only use natural gas as fuel for Source ID P102.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

SECTION D. Source Level Requirements

- (a) The permittee shall keep records of the supporting calculations to verify compliance with the volatile organic compound (VOC) emissions limitations specified for the source category.
- (b) The permittee shall maintain comprehensive and accurate records of the total amount of natural gas used in any 12 consecutive month period in Source ID P102.
- (c) The permittee shall keep records of the total number of times in any 12 consecutive month period slag is added to Source P102 for purposes of water removal by evaporation.
- (d) These records shall be retained for a minimum of five (5) years and made available to the Department upon request.

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

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

The permittee shall submit calculations to the Department by no later than March 1 (for January 1 through December 31 of the previous year) that will demonstrate compliance with the volatile organic compound emissions limitations specified for the source category linked with Source ID P102.

VI. WORK PRACTICE REQUIREMENTS.

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

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

Source ID P102 is a 1954 vintage, Flinn & Dreifein natural gas fired tank car stress relieving furnace, rated at 35 million BTU per hour.

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

The permittee may evaporate water from slag produced from torch cutting operations at the facility using waste heat from P102 a maximum of 6 times in any 12 consecutive month period. The slag shall not contain cutting oils, solvents, coatings or substances containing volatile organic compounds or volatile organic hazardous air pollutants.

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

SECTION D. Source Level Requirements

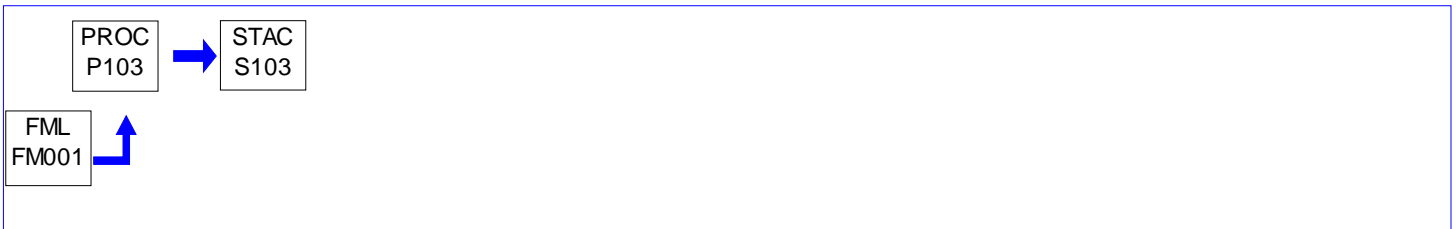
Source ID: P103

Source Name: HEAD PLATE FURNACE (10 MMBTU/HR)

Source Capacity/Throughput:

9.520 MCF/HR

Natural Gas

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

001 [25 Pa. Code §123.13]

Processes

No person may permit the emission of particulate matter from Source ID P103 into the outdoor atmosphere in a manner such that the concentration in the effluent gas exceeds 0.04 grain per dry standard cubic foot.

002 [25 Pa. Code §123.21]

General

No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO₂, from Source ID P103 in a manner such that the concentration in the effluent gas exceeds 500 parts per million, by volume, dry basis.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional Authority for this permit condition is also derived from 25 Pa. Code Section 129.91]

The potential to emit volatile organic compounds from the following source category shall never exceed 3 pounds per hour, 15 pounds per day, or 2.7 tons in any 12 consecutive month period. Should any of these limitations ever be exceeded, a detailed RACT analysis which meets the criteria specified in 25 Pa. Code Section 129.92 must be submitted to the Department for the source category.

The source category includes: two (2) stress furnaces (Source IDs P101 and P102), three (3) heaters (Source IDs 036 and 038), one (1) head plate furnace (Source ID P103), seven (7) lining heaters and two (2) new fabrication heaters (Source ID 037), and 100 cutting torches (Source ID P110).

Fuel Restriction(s).

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

The permittee shall only use natural gas as fuel for Source ID P103.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

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

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

- (a) The permittee shall keep records of the supporting calculations to verify compliance with the volatile organic compound (VOC) emissions limitations specified for the source category.
- (b) The permittee shall maintain comprehensive and accurate records of the total amount of natural gas used in any 12 consecutive month period in Source ID P103.
- (c) These records shall be retained for a minimum of five (5) years and made available to the Department upon request.

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

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

The permittee shall submit calculations to the Department by no later than March 1 (for January 1 through December 31 of the previous year) that will demonstrate compliance with the volatile organic compound emissions limitations specified for the source category linked with Source ID P103.

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

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

Source ID P103 shall not be used to heat plates or anything else having oily, painted, or rusty surfaces or surfaces coated with any other materials.

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

P103 is a 1990 vintage, Flinn & Dreiffen model 1116 natural gas fired head plate roller hearth plate heating furnace, rated at 10 million BTU per hour.

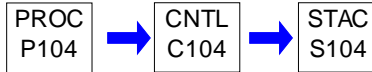
***** Permit Shield in Effect. *****

SECTION D. Source Level Requirements

Source ID: P104

Source Name: SURFACE COATING OPERATION

Source Capacity/Throughput:

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

No person may permit the emission of particulate matter from Source ID P104 into the outdoor atmosphere in a manner such that the concentration in the effluent gas exceeds 0.04 grain per dry standard cubic foot.

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

[Compliance with this condition ensures compliance with 25 Pa. Code Section 129.97(c)(2).]

The volatile organic compound (VOC) emissions from the cleaning of all paint spray guns and lines associated with Source ID P104 shall not exceed 2.0 tons in any 12 consecutive month period.

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

Pursuant to 25 Pa. Code Section 129.52d(1), the VOC content of all coatings applied in Source ID P104 shall comply with the VOC content limits specified in Table I of the section.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

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

[Additional authority for this permit condition is also derived from 25 Pa. Code Section 129.100(d).]

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

- (1) The type(s) and amount(s) of volatile organic compound-containing solvent used for the cleaning of paint spray guns and lines associated with Source ID P104,
- (2) The amount(s) of volatile organic compound-containing solvent used for the cleaning of paint spray guns and lines associated with Source ID P104 which is disposed of in liquid form.

(b) The permittee shall keep records of the supporting calculations to verify compliance with the volatile organic compound (VOC) emissions limitation specified for the cleaning of all paint spray guns and lines associated with Source ID P104.

(c) The above records shall be retained for a minimum of five (5) years and made available to the Department upon request.

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

Pursuant to 25 Pa. Code Section 129.52d(f), the permittee shall, at a minimum, maintain monthly records of the following for Source ID P104:

**SECTION D. Source Level Requirements**

(a) The following parameters for each coating, thinner and component as supplied:

- (i) Name and identification number of the coating, thinner or other component.
- (ii) Volume used.
- (ii) Mix ratio.
- (iv) Density or specific gravity.
- (v) Weight percent of total volatiles, water, solids and exempt solvents.
- (vi) Volume percent of total volatiles, water and exempt solvents for the applicable table of limits in Tables I—V in 25 Pa. Code Section 129.52d.

(b) The VOC content of each coating, thinner and other component as supplied.

(c) The VOC content of each as applied coating.

(d) The calculations performed to determine each coating's VOC content, as applied, excluding water and exempt compounds.

These records shall be maintained onsite for at least five years and made available to the Department upon request.

V. REPORTING REQUIREMENTS.

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall submit calculations to the Department that will demonstrate compliance with the volatile organic compound emissions limitations specified for the cleaning of all paint spray guns and lines associated with Source ID P104 in any 12 consecutive month period.

(b) The annual reports shall be submitted to the Department by no later than March 1 (for January 1 through December 31 of the previous year).

VI. WORK PRACTICE REQUIREMENTS.

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

All solvent used for the cleaning of paint spray guns and lines shall be flushed into an enclosed container. Under no circumstances shall volatile organic compound-containing cleaning solvent be sprayed through a spray gun into the atmosphere. All containers of volatile organic compound-containing cleaning solvents or mixtures of paint waste and cleaning solvents shall be kept closed except when material is being added to, or removed from, the containers. Under no circumstances shall volatile organic compound-containing cleaning solvents or mixtures of paint waste and cleaning solvents be disposed of via methods, which promote the evaporative loss of volatile organic compounds into the atmosphere.

008 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code Sections 127.1 and 127.12. Compliance with this condition ensures compliance with the requirements of 25 Pa. Code Section 129.52d(g).]

The method of application in Source ID P104 shall be airless spraying or electrostatic application, but at the company's discretion a method of equal or better transfer efficiency may be used. The company must obtain prior Department approval of any alternate application method.

009 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

- (a) Source ID P104 is approved to utilize only the coatings and thinners listed on the "Approved Coating and Thinners List";
- (b) The permittee shall retain a copy of the "Approved Coating and Thinners List" onsite at all times;

SECTION D. Source Level Requirements

- (c) New surface coating materials may be added to the list provided the permittee submits to the Department information identifying the VOC content limit of the coating material, as applied, at least two weeks prior to use;
- (d) ACF must utilize all coatings with the minimum VOC content available. Any development of a lower VOC coating must be utilized as soon as available with notification to the Department.

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

Pursuant to 25 Pa. Code Section 129.52d(j), the permittee shall comply with the following with respect to the Source ID P104 cleanup operations:

- (a) Store all VOC-containing cleaning materials and used shop towels in closed containers.
- (b) Ensure that mixing vessels used for VOC-containing cleaning materials are kept closed at all times except when depositing or removing these materials.
- (c) Minimize spills of VOC-containing cleaning materials and clean up spills immediately.
- (d) Convey VOC-containing cleaning materials from one location to another in closed containers or pipes.
- (e) Minimize VOC emissions from cleaning of application, storage, mixing or conveying equipment by ensuring that equipment cleaning is performed without atomizing to atmosphere the cleaning solvent and all spent solvent is captured in closed containers.

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

Pursuant to 25 Pa. Code Section 129.52d(i), the permittee shall comply with the following with respect to the Source ID P104 coating operation:

- (a) Store all VOC-containing coatings, thinners or coating-related waste materials in closed containers.
- (b) Ensure that mixing and storage containers used for VOC-containing coatings, thinners or coating-related waste materials are kept closed at all times, except when depositing or removing these coatings, thinners or waste materials.
- (c) Minimize spills of VOC-containing coatings, thinners or coating-related waste materials and clean up spills immediately.
- (d) Convey VOC-containing coatings, thinners or coating-related waste materials from one location to another in closed containers or pipes.

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

(a) Source ID P104 is a surface coating operation. It includes the cleaning of all paint spray guns and paint lines. Surface coating contains 5 spray paint booths each of which is controlled with a single stage dry filter system for over-spray control. Booth descriptions are listed below:

- (1) One (1) 1986 vintage BCP railcar exterior prime coat unit,
- (2) One (1) 1986 vintage BCP railcar exterior top coat unit,
- (3) One (1) 1986 vintage BCP railcar touch-up unit,
- (4) One (1) 1986 vintage BCP interior coating station #1 unit,
- (5) One (1) 1986 vintage BCP interior coating station #2 unit.

(b) The particulate matter emissions from Source ID P104 shall be controlled by paint booth filters (ID C104).

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

Pursuant to 25 Pa. Code Section 129.52d(k), the permittee shall follow one or more of the following surface coating measurement and calculational procedures with respect to the operation of Source ID P104:

- (a) EPA Reference Method 24, Determination of Volatile Matter Content, Water Content, Density, Volume Solids, and Weight Solids of Surface Coatings, found at 40 CFR Part 60, Subpart D, Appendix A, including updates and revisions.
- (b) Manufacturer's formulation data.
- (c) Sampling and testing done in accordance with the procedures and test methods specified in 25 Pa. Code Chapter 139.

SECTION D. Source Level Requirements

- (d) Other test method demonstrated to provide results that are acceptable for purposes of determining compliance with this 25 Pa. Code Section 129.52d if prior approval is obtained in writing from the Department.
- (e) Add-on air pollution control devices shall be equipped with the applicable monitoring equipment according to manufacturers' specifications. The monitoring equipment shall be installed, calibrated, operated and maintained according to manufacturers' specifications at all times the add-on air pollution control device is in use.
- (f) EPA calculations information in the following:
 - (i) A Guideline for Surface Coating Calculations, EPA-340/1-86-016, including updates and revisions.
 - (ii) Procedures for Certifying Quantity of Volatile Organic Compounds Emitted by Paint, Ink, and Other Coatings, EPA-450/3-84-019, including updates and revisions.

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

SECTION D. Source Level Requirements

Source ID: P105

Source Name: 2 CURING OVENS (2.6 MMBTU/HR EA)

Source Capacity/Throughput:

4.800 MCF/HR

Natural Gas

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

001 [25 Pa. Code §123.13]

Processes

No person may permit the emission of particulate matter from each oven of Source ID P105 into the outdoor atmosphere in a manner such that the concentration in the effluent gas exceeds 0.04 grain per dry standard cubic foot.

002 [25 Pa. Code §123.21]

General

No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO₂, from each oven of Source ID P105 in a manner such that the concentration in the effluent gas exceeds 500 parts per million, by volume, dry basis.

Fuel Restriction(s).

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall only use natural gas as fuel for each oven of Source ID P105.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

SECTION D. Source Level Requirements**VII. ADDITIONAL REQUIREMENTS.****# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Source ID P105 consists of two (2) 1986 vintage BCP natural gas fired ovens, each rated at 2.6 million BTU per hour. They are used to cure painted products.

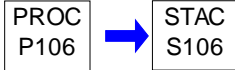
***** Permit Shield in Effect. *****

SECTION D. Source Level Requirements

Source ID: P106

Source Name: 1 FLASH-OFF & 2 CURE STATIONS

Source Capacity/Throughput:

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID P106 consists of one (1) flash-off and two (2) cure stations.

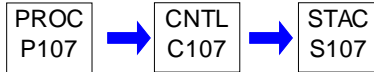
***** Permit Shield in Effect. *****

SECTION D. Source Level Requirements

Source ID: P107

Source Name: HEAD PLATE GRIT BLASTING OPERATION

Source Capacity/Throughput:

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

001 [25 Pa. Code §123.13]

Processes

No person may permit the emission of particulate matter from the exhaust of the cartridge collector (ID C107) associated with Source ID P107 into the outdoor atmosphere in a manner such that the concentration in the effluent gas exceeds 0.04 grain per dry standard cubic foot.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The cartridge collector (ID C107) associated with Source ID P107 shall be equipped with instrumentation to monitor the pressure differential across the collector on a continuous basis.

IV. RECORDKEEPING REQUIREMENTS.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

- (a) The permittee shall keep records of the pressure differential across the cartridge collector (ID C107) associated with Source ID P107 at least once per week when Source ID P107 is in operation.
- (b) These records shall be retained for a minimum of five (5) years and made available to the Department upon request.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

The permittee shall keep ten (10) spare cartridges on hand for the cartridge collector (ID C107) associated with Source ID P107 in order to be able to immediately replace any cartridges requiring replacement.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code Section 123.1]

The storage and handling of the material collected in the cartridge collector (ID C107) associated with Source ID P107 shall not at any time result in the emission of fugitive air contaminants in excess of the limitations specified in 25 Pa. Code Section 123.1.

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

(a) Source ID P107 is a head plate grit blasting operation.

(b) The particulate matter emissions from Source ID P107 shall be controlled by a Cantech model 20 CP 5RP cartridge collector (ID C107).

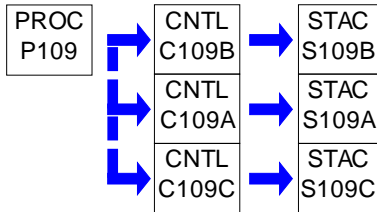
***** Permit Shield in Effect. *****

SECTION D. Source Level Requirements

Source ID: P109

Source Name: 2 RAIL CAR GRIT BLASTING OPERATIONS

Source Capacity/Throughput:

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

001 [25 Pa. Code §123.13]

Processes

No person may permit the emission of particulate matter from Source ID P109 into the outdoor atmosphere in a manner such that the concentration in the effluent gas exceeds 0.04 grain per dry standard cubic foot.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

The Farr model 6-360-10TR (ID C109C) and the Pangborn model SSBPT-228 (ID C109B) fabric collectors associated with the "new" railcar grit blast operation; and the Farr Ramtube model 4X126-10TR/S9500542 (ID C109A) associated with the "old" grit blast operation shall each be equipped with a pressure differential gauge to monitor the pressure drop across each of the fabric collectors.

IV. RECORDKEEPING REQUIREMENTS.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

- (a) The permittee shall keep records of the pressure differential across the fabric collectors (IDs C109A, C109B, and C109C) associated with Source ID P109 at least once per week when Source ID P109 is in operation.
- (b) These records shall be retained for a minimum of five (5) years and made available to the Department upon request.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

The permittee shall keep on hand a sufficient quantity of spare fabric collector bags for all fabric collectors (IDs C109A, C109B, and C109C) associated with Source ID 109 in order to be able to immediately replace any bag requiring replacement.

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

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

The permittee need not simultaneously operate both the Pangborn Corporation model #SSBPT-228 fabric collector (ID C109B) and the Farr model 6-360-10TR special reverse pulse fabric collector (ID C109C) associated with the "new" railcar grit blasting operation, but may do so if they wish.

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

[Additional authority for this permit condition is also derived from 25 Pa. Code Section 123.1]

The storage and handling of the material collected in the fabric collectors (IDs C109A, C109B, and C109C) associated with Source ID P109 shall not at any time result in the emission of fugitive air contaminants in excess of the limitations specified in 25 Pa. Code Section 123.1.

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

(a) Source ID P109 represents the following sources:

- (1) One (1) "old" railcar grit blasting operation,
- (2) One (1) "new" railcar grit blasting operation.

(b) The particulate matter emissions from the "old" railcar grit blasting operation shall be controlled by a Farr Ramtube model 4X126-10TR/S950042 fabric collector (ID C109A).

(c) The particulate matter emissions from the "new" railcar grit blasting operation shall be controlled by a Pangborn Corporation model SSBPT-228 fabric collector (ID C109B) or a Farr model 6-360-10TR special reverse pulse fabric collector (ID C109C).

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

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

The air compressor supplying the compressed air used to clean the fabric bags in the Farr model 6-360-10TR special reverse pulse fabric collector (ID C109C) shall be equipped with an air dryer.

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

SECTION D. Source Level Requirements

Source ID: P110

Source Name: 100 PROPANE CUTTING TORCHES

Source Capacity/Throughput:

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

No person may permit the emission of particulate matter from each cutting torch of Source ID P110 into the outdoor atmosphere in a manner such that the concentration in the effluent gas exceeds 0.04 grain per dry standard cubic foot.

002 [25 Pa. Code §123.21]**General**

No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO₂, from each cutting torch of Source ID P110 in a manner such that the concentration in the effluent gas exceeds 500 parts per million, by volume, dry basis.

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

[Additional Authority for this permit condition is also derived from 25 Pa. Code Section 129.91]

The potential to emit volatile organic compounds from the following source category shall never exceed 3 pounds per hour, 15 pounds per day, or 2.7 tons in any 12 consecutive month period. Should any of these limitations ever be exceeded, a detailed RACT analysis which meets the criteria specified in 25 Pa. Code Section 129.92 must be submitted to the Department for the source category.

The source category includes: two (2) stress furnaces (Source IDs P101 and P102), three (3) heaters (Source IDs 036 and 038), one (1) head plate furnace (Source ID P103), seven (7) lining heaters and two (2) new fabrication heaters (Source ID 037), and 100 cutting torches (Source ID P110).

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

The permittee shall only use propane as fuel for each cutting torch of Source ID P110.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

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

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

SECTION D. Source Level Requirements

- (a) The permittee shall maintain comprehensive and accurate records of the total amount of propane used in any 12 consecutive month period in Source ID P110.
- (b) The permittee shall keep records of the supporting calculations to verify compliance with the volatile organic compound (VOC) emissions limitations specified for the source category.
- (c) These records shall be retained for a minimum of five (5) years and made available to the Department upon request.

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

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

The permittee shall submit calculations to the Department by no later than March 1 (for January 1 through December 31 of the previous year) that will demonstrate compliance with the volatile organic compound emissions limitations specified for the source category linked with Source ID P110.

VI. WORK PRACTICE REQUIREMENTS.

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

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

Source ID P110 consists of 100 propane cutting torches that are used throughout the facility.

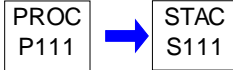
***** Permit Shield in Effect. *****

SECTION D. Source Level Requirements

Source ID: P111

Source Name: STENCIL CLEANING

Source Capacity/Throughput:

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

(a) In accordance with 25 Pa. Code Section 129.91, the potential to emit volatile organic compounds (VOCs) from Source ID P111 shall never exceed 3 pounds per hour or 15 pounds per day.

(b) In accordance with 25 Pa. Code Section 129.97(c)(2), the potential to emit volatile organic compounds (VOCs) from Source ID P111 shall be less than 2.7 tons per year.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

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

[Additional authority for this permit condition is also derived from 25 Pa. Code Sections 129.95 and 129.100(d).]

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

(1) The amount(s) of volatile organic compound-containing solvent used for stencil cleaning,

(2) The amount(s) of volatile organic compound-containing solvent used for stencil cleaning which is disposed of in liquid form.

(b) The above records shall be retained for a minimum of five (5) years and made available to the Department upon request.

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

(a) The permittee shall submit emission calculations in order to demonstrate compliance with the volatile organic compound emission limitations specified for Source ID P111.

(b) The annual reports shall be submitted to the Department by no later than March 1 (for January 1 through December 31 of the previous year).

VI. WORK PRACTICE REQUIREMENTS.

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

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

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID P111 is a stencil cleaning operation.

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

SECTION D. Source Level Requirements

Source ID: P112

Source Name: FURNACE (14.5 MMBTU/HR)

Source Capacity/Throughput: 104.000 Gal/HR #2 Oil

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

001 [25 Pa. Code §123.13]

Processes

No person may permit the emission of particulate matter from Source ID P112 into the outdoor atmosphere in a manner such that the concentration in the effluent gas exceeds 0.04 grain per dry standard cubic foot.

002 [25 Pa. Code §123.21]

General

No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO₂, from Source ID P112 in a manner such that the concentration in the effluent gas exceeds 500 parts per million, by volume, dry basis.

Fuel Restriction(s).

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code Section 123.22(a)(2)]

Any #2 fuel oil or diesel fuel fired in Source ID P112 shall be virgin fuel to which no reclaimed or waste oil or other waste materials have been added. Additionally, the sulfur content shall not, at any time, exceed 0.05% (by weight).

II. TESTING REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall perform tests (in accordance with the provisions of 25 Pa. Code Chapter 139) or provide a fuel certification report of the percent sulfur by weight of each delivery of #2 or lighter fuel oil.

OR

The permittee shall keep records of fuel certification reports obtained yearly from the fuel oil supplier stating that the sulfur percentage for each shipment of fuel delivered to the facility during the year shall not exceed 0.05% sulfur by weight for #2 or lighter fuel oil.

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

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

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

Source ID P112 is an Even Temp No. 2 oil-fired, pressed-parts furnace, rated at 14.5 million BTU per hour.

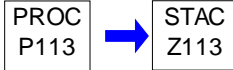
***** Permit Shield in Effect. *****

SECTION D. Source Level Requirements

Source ID: P113

Source Name: METAL CUTTING OPERATION

Source Capacity/Throughput:

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

001 [25 Pa. Code §123.13]

Processes

No person may permit the emission of particulate matter from Source ID P113 into the outdoor atmosphere in a manner such that the concentration in the effluent gas exceeds 0.04 grain per dry standard cubic foot.

002 [25 Pa. Code §123.21]

General

No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO₂, from Source ID P113 in a manner such that the concentration in the effluent gas exceeds 500 parts per million, by volume, dry basis.

Fuel Restriction(s).

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall only use natural gas as fuel for Source ID P113.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID P113 is a stationary natural gas fired metal cutting operation, rated at 2.4 million BTU per hour, which consists of one MG burner and three single flame camograph burners.



SECTION D. Source Level Requirements

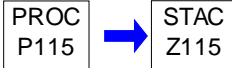
***** Permit Shield in Effect. *****

SECTION D. Source Level Requirements

Source ID: P115

Source Name: SOLVENT CLEAN UP

Source Capacity/Throughput:

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

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Compliance with this condition ensures compliance with 25 Pa. Code Section 129.97(c)(2).]

The volatile organic compound emissions from the cleaning of paint containers associated with Source ID P115 shall not exceed 2.0 tons in any 12 consecutive month period.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code Section 129.100(d).]

(a) The permittee shall maintain comprehensive and accurate records of the type(s) and amount(s) of volatile organic compound-containing solvent used for the cleaning of paint containers associated with Source ID P115.

(b) The above records shall be retained for a minimum of five (5) years and made available to the Department upon request.

V. REPORTING REQUIREMENTS.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall submit emission calculations in order to demonstrate compliance with the volatile organic compound emission limitations specified for Source ID P115.

(b) The annual reports shall be submitted to the Department by no later than March 1 (for January 1 through December 31 of the previous year).

VI. WORK PRACTICE REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

(a) All containers of volatile organic compound-containing cleaning solvents or mixtures of paint waste and cleaning solvents shall be kept closed except when material is being added to, or removed from, the containers. Under no circumstances shall volatile organic compound-containing cleaning solvents or mixtures of paint waste and cleaning solvents be disposed of via methods which promote the evaporative loss of volatile organic compounds into the atmosphere.

SECTION D. Source Level Requirements

(b) All paint containers shall be emptied of residual paint prior to being cleaned with volatile organic compound-containing cleaning solvent. If the containers are allowed to sit for more than 5 minutes after the addition of cleaning solvent and prior to emptying the paint waste and cleaning solvent mixture from the containers, they shall be covered to prevent evaporative loss. When the paint waste and cleaning solvent mixture is removed from the paint containers, it shall be emptied into a container which is kept closed except when material is being added to or removed from it. Under no circumstances shall paint container cleaning practices be employed which promote the evaporative loss of volatile organic compounds into the atmosphere.

VII. ADDITIONAL REQUIREMENTS.

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

Source ID P115 is a solvent cleanup operation for paint containers.

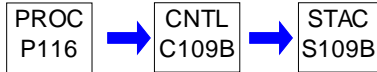
***** Permit Shield in Effect. *****

SECTION D. Source Level Requirements

Source ID: P116

Source Name: AIR WASH SEPARATOR

Source Capacity/Throughput:

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

No person may permit the emission of particulate matter from the exhaust of the fabric collector (ID C109B) associated with Source ID P116 into the outdoor atmosphere in a manner such that the concentration in the effluent gas exceeds 0.04 grain per dry standard cubic foot.

II. TESTING REQUIREMENTS.

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

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

The fabric collector (ID C109B) associated with Source ID P116 shall be equipped with instrumentation to monitor the pressure differential across the fabric filter bags on a continuous basis.

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

- (a) The permittee shall keep records of the pressure differential across the fabric collector (ID C109B) associated with Source ID P116 at least once per week when Source ID P116 is in operation.
- (b) These records shall be retained for a minimum of five (5) years and made available to the Department upon request.

V. REPORTING REQUIREMENTS.

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

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

[Additional authority for this permit condition is also derived from 25 Pa. Code Section 123.1]

The storage and handling of the material collected in the fabric collector (C109B) associated with the Source ID P116 shall not at any time result in the emission of fugitive air contaminants in excess of the limitations specified in 25 Pa. Code Section 123.1.

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

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

The permittee shall keep on hand a sufficient quantity of spare fabric filter bags for the fabric collector (ID C109B) associated with Source ID P116 in order to be able to immediately replace any bags requiring replacement.

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

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) Source ID P116 is an air wash separator.

(b) The particulate matter emissions from Source ID P116 shall be controlled by a Pangborn Corporation model #SSBPT-288 fabric collector (ID C109B).

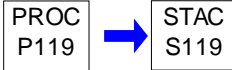
***** Permit Shield in Effect. *****

SECTION D. Source Level Requirements

Source ID: P119

Source Name: 2000 GAL GASOLINE TANK

Source Capacity/Throughput:

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

- (a) The permittee shall maintain comprehensive, accurate records of the total amount of gasoline delivered to Source ID P119.
- (b) The permittee shall keep records of the supporting calculations to verify the volatile organic compound (VOC) emissions from Source ID P119.
- (c) These records shall be retained for a minimum of five (5) years and made available to the Department upon request.

V. REPORTING REQUIREMENTS.

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

The permittee shall submit emissions calculations to the Department by no later than March 1 (for January 1 through December 31 of the previous year) that will verify the volatile organic compound emissions from Source ID P119.

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

Source ID P119 is a 2,000 gallon gasoline storage tank.

**# 004 [25 Pa. Code §129.57]
Storage tanks less than or equal to 40,000 gallons capacity containing VOCs**

The tank associated with Source ID P119 shall have pressure relief valves which are maintained in good operating condition and which are set to release at no less than .7 psig (4.8 kilopascals) of pressure or .3 psig (2.1 kilopascals) of vacuum or the highest possible pressure and vacuum in accordance with state or local fire codes or the National Fire Prevention Association guidelines or other national consensus standards acceptable to the Department.

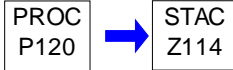
***** Permit Shield in Effect. *****

SECTION D. Source Level Requirements

Source ID: P120

Source Name: 2 PETROLEUM STORAGE TANKS

Source Capacity/Throughput:

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

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

The potential to emit volatile organic compounds from Source ID P120 shall never exceed 3 pounds per hour, 15 pounds per day, or 2.7 tons per year.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

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

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

- (a) The permittee shall maintain comprehensive and accurate records of the total combined amount of #2/diesel fuel oil delivered to the tanks associated with Source ID P120.
- (b) The permittee shall keep records of the supporting calculations to verify compliance with the volatile organic compound (VOC) emission limitations specified for Source ID P120.
- (c) These records shall be retained for a minimum of five (5) years and made available to the Department upon request.

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

- (a) The permittee shall keep a record of the vapor pressure of the contents of each storage tank associated with Source ID P120.
- (b) These records shall be retained for a minimum of five (5) years and made available to the Department upon request.

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

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

The permittee shall submit calculations to the Department by no later than March 1 (for January 1 through December 31 of the previous year) that will demonstrate compliance with the volatile organic compound emissions limitations specified for Source ID P120.

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

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

VII. ADDITIONAL REQUIREMENTS.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID P120 consists of one (1) 10,000 gallon #2 fuel oil tank and one (1) 10,000 gallon diesel tank.

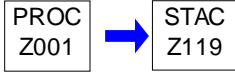
***** Permit Shield in Effect. *****

SECTION D. Source Level Requirements

Source ID: Z001

Source Name: ROADWAYS

Source Capacity/Throughput:

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID Z001 consists of plant roadways, 0.25 mile of which is unpaved.

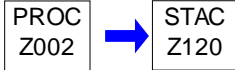
***** Permit Shield in Effect. *****

SECTION D. Source Level Requirements

Source ID: Z002

Source Name: WELDING OPERATIONS

Source Capacity/Throughput:

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID Z002 consists of various arc-welding operations located throughout the facility.

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



SECTION E. Alternative Operation Requirements.

No Alternative Operations exist for this Title V facility.



SECTION F. Emission Restriction Summary.

No emission restrictions listed in this section of the permit.



SECTION G. Miscellaneous.



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