



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

STATE ONLY NATURAL MINOR OPERATING PERMIT

Issue Date: August 22, 2022

Effective Date: August 22, 2022

Expiration Date: August 21, 2027

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

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

State Only Permit No: 17-00008

Natural Minor

Federal Tax Id - Plant Code: 62-1717916-1

Owner Information

Name: TRIANGLE SUSPENSION SYS INC

Mailing Address: PO BOX 425
DUBOIS, PA 15801-1015

Plant Information

Plant: TRIANGLE SUSPENSION SYS/DUBOIS PLT

Location: 17 Clearfield County 17946 Sandy Township

SIC Code: 3493 Manufacturing - Steel Springs, Except Wire

Responsible Official

Name: CHRISTOPHER VOTA

Title: PROCESS ENGINEER

Phone: (814) 375 - 7268

Email: CVota@Triangleusa.com

Permit Contact Person

Name: CHRISTOPHER VOTA

Title: PROCESS ENGINEER

Phone: (814) 375 - 7268

Email: CVota@Triangleusa.com

[Signature] _____

MUHAMMAD Q. ZAMAN, ENVIRONMENTAL PROGRAM MANAGER, NORTHCENTRAL REGION



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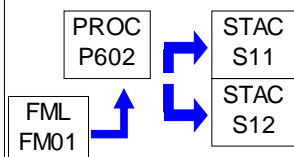
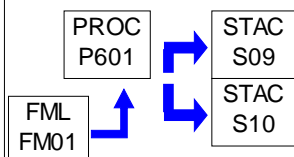
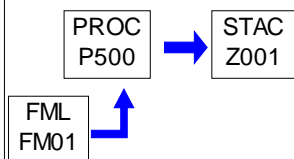
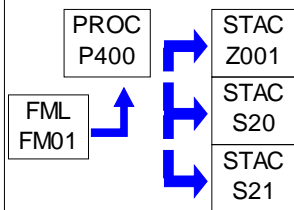
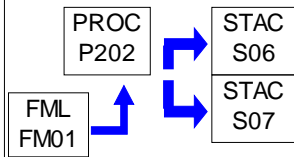
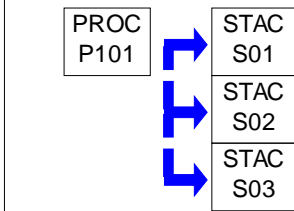
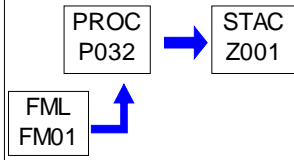
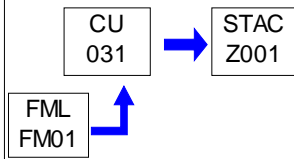
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**SECTION A. Site Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
031	36 NATURAL GAS-FIRED INFRARED SPACE HEATERS		
P032	31 NATURAL GAS-FIRED SPACE HEATERS		
P101	AMBER AND BLACK DIP-COATING OPERATIONS	0.950 Lbs/HR	THINNERS
		11.500 Lbs/HR	RUST INHIBITOR COATIN
P202	UNIT DRAW FURNACE 1062 LINE #3	4.200 MCF/HR	Natural Gas
P400	RAPID HEATERS	13.700 MCF/HR	Natural Gas
P500	SLOT FURNACES	590.000 CF/HR	Natural Gas
P601	WALKING BEAM FURNACE 1057 & ASSOCIATED QUENCH UNIT	4.600 MCF/HR	Natural Gas
P602	WALKING BEAM FURNACE 1058 & ASSOCIATED QUENCH UNIT	7.400 MCF/HR	Natural Gas
P603	WALKING BEAM FURNACE 1080 & ASSOCIATED QUENCH UNITS	8.333 MCF/HR	Natural Gas
P604	SRP DRAW AND FITTER FURNACES		
P605	TEMPERING OVEN		
P606	SHOTPEEN PROCESS	25.000 Lbs/HR	STEEL SHOT
P701	TWO REMOTE RESERVOIR COLD CLEANING MACHINES		
C606	CARTRIDGE COLLECTOR		
FM01	NATURAL GAS		
S01	STACK, SOURCE P101		
S02	STACK, SOURCE P101		
S03	STACK, SOURCE P101		
S06	STACK, SOURCE P202		
S07	STACK, SOURCE P202		
S09	STACK, SOURCE P601 (QUENCH UNIT)		
S10	STACK, SOURCE P601 (QUENCH UNIT)		
S11	STACK, SOURCE P602 (QUENCH UNIT)		
S12	STACK, SOURCE P602 (QUENCH UNIT)		
S14	STACK, SOURCE P603 (WALKING BEAM FURNACE 1080)		
S15	STACK, SOURCE P603 (WALKING BEAM FURNACE 1080)		
S16	STACK, SOURCE P603 (QUENCH UNIT)		
S17	STACK, SOURCE P603 (QUENCH UNIT)		
S18	STACK, SOURCE P603 (QUENCH UNIT)		
S19	STACK, SOURCE P603 (QUENCH UNIT)		
S20	STACK, SOURCE P403		
S21	STACK, SOURCE P407		
S604	STACK, SOURCE P604		
S604A	STACK, SOURCE P604		
S605	STACK, SOURCE P605		
S606	VENT STACK TO C606		
Z001	FUGITIVE EMISSIONS		

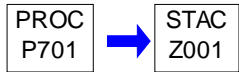
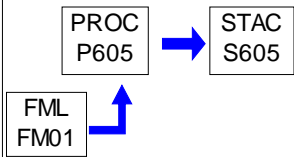
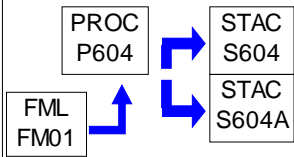
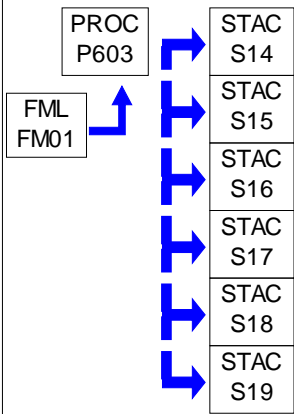


PERMIT MAPS





PERMIT MAPS



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

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

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

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

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

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

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

- (a) The permittee shall pay the annual operating permit maintenance fee according to the following fee schedule in either paragraph (1) or (2) in accordance with 25 Pa. Code § 127.703(d) on or before December 31 of each year for the next calendar year.
- (1) For a synthetic minor facility, a fee equal to:
- (i) Four thousand dollars (\$4,000) for calendar years 2021—2025.
 - (ii) Five thousand dollars (\$5,000) for calendar years 2026—2030.
 - (iii) Six thousand three hundred dollars (\$6,300) for the calendar years beginning with 2031.

**SECTION B. General State Only Requirements**

(2) For a facility that is not a synthetic minor, a fee equal to:

- (i) Two thousand dollars (\$2,000) for calendar years 2021—2025.
- (ii) Two thousand five hundred dollars (\$2,500) for calendar years 2026—2030.
- (iii) Three thousand one hundred dollars (\$3,100) for the calendar years beginning with 2031.

(b) The applicable fees shall be made payable to "The Commonwealth of Pennsylvania Clean Air Fund" with the permit number clearly indicated and submitted to the respective regional office.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

#011 [25 Pa. Code §§ 127.450, 127.462, 127.465 & 127.703]**Operating Permit Modifications**

(a) The permittee is authorized to make administrative amendments, minor operating permit modifications and significant operating permit modifications, under this permit, as outlined below:

**SECTION B. General State Only Requirements**

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

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

(d) Significant Operating Permit Modifications. The permittee shall submit the application for significant operating permit modifications in accordance with 25 Pa. Code § 127.465.

(e) The applicable fees shall be made payable to "The Commonwealth of Pennsylvania Clean Air Fund" with the permit number clearly indicated and submitted to the respective regional office.

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

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

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

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

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

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

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

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

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

(2) One ton of NO_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, the regulations thereunder or 25 Pa. Code Article III.

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

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

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

**SECTION B. General State Only Requirements**

- (1) Air conditioning or ventilation systems not designed to remove pollutants generated or released from other sources.
 - (2) Combustion units rated at 2,500,000 or less Btu per hour of heat input.
 - (3) Combustion units with a rated capacity of less than 10,000,000 Btu per hour heat input fueled by natural gas supplied by a public utility or by commercial fuel oils which are No. 2 or lighter, viscosity less than or equal to 5.82 c St, and which meet the sulfur content requirements of 25 Pa. Code §123.22 (relating to combustion units). For purposes of this permit, commercial fuel oil shall be virgin oil which has no reprocessed, recycled or waste material added.
 - (4) Space heaters which heat by direct heat transfer.
 - (5) Laboratory equipment used exclusively for chemical or physical analysis.
 - (6) Other sources and classes of sources determined to be of minor significance by the Department.
- (e) This permit does not authorize de minimis emission increases if the emissions increase would cause one or more of the following:
- (1) Increase the emissions of a pollutant regulated under Section 112 of the Clean Air Act except as authorized in Subparagraphs (c)(4) and (5) of this permit condition.
 - (2) Subject the facility to the prevention of significant deterioration requirements in 25 Pa. Code Chapter 127, Subchapter D and/or the new source review requirements in Subchapter E.
 - (3) Violate any applicable requirement of this permit, the Air Pollution Control Act, the Clean Air Act, or the regulations promulgated under either of the acts.
- (f) Emissions authorized under this permit condition shall be included in the monitoring, recordkeeping and reporting requirements of this permit.
- (g) Except for de minimis emission increases, installation of minor sources made pursuant to this permit condition and Plan Approval Exemptions under 25 Pa. Code § 127.14 (relating to exemptions), the permittee is prohibited from making changes or engaging in activities that are not specifically authorized under this permit without first applying for a plan approval. In accordance with § 127.14(b), a plan approval is not required for the construction, modification, reactivation, or installation of the sources creating the de minimis emissions increase.
- (h) The permittee may not meet de minimis emission threshold levels by offsetting emission increases or decreases at the same source.

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

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

- (1) Section 127.14 (relating to exemptions)
- (2) Section 127.447 (relating to alternative operating scenarios)
- (3) Section 127.448 (relating to emissions trading at facilities with Federally enforceable emissions caps)
- (4) Section 127.449 (relating to de minimis emission increases)
- (5) Section 127.450 (relating to administrative operating permit amendments)

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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) Blasting in open pit mines. Emissions from drilling are not considered as emissions from blasting.

(8) 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 (1) through (8) in Condition #001 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 limitations of 25 Pa. Code Section 123.41 shall not apply to a visible emission in any of the following instances:

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

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

(a) The total combined volatile organic compound emissions from all sources located at this facility shall not equal or exceed 50 tons in any 12 consecutive month period.

(b) The total emissions of any single hazardous air pollutant from all sources located at this facility shall not equal or exceed 10 tons in any 12 consecutive month period.

(c) The total combined emissions of all hazardous air pollutants from all sources located at this facility shall not equal or

**SECTION C. Site Level Requirements**

exceed 25 tons in any 12 consecutive month period.

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

If, at any time, the Department has cause to believe that air contaminant emissions from any of the sources authorized herein are in excess of the limitations specified in, or established pursuant to, any applicable regulation contained in 25 Pa. Code, Subpart C, Article III, the Department may require the permittee to conduct tests deemed necessary by the Department to determine the actual emission rate(s). The permittee shall perform such tests in accordance with applicable provisions of 25 Pa. Code, Chapter 139 (relating to sampling and testing) and in accordance with any restrictions or limitations established by the Department within one hundred and eighty (180) days of the date the Department notifies the permittee, in writing, of the testing requirement.

007 [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. One electronic copy shall be sent to the Northcentral Regional Office Air Quality Program Manager and one electronic copy shall be also sent to the PSIMS Administrator in Central Office. 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, 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), electronic copies of all submittals, besides notifications, shall be sent to the Northcentral Regional Office Air Quality Program Manager, with deadlines verified. In addition, an electronic copy shall be sent to the PSIMS Administrator in Central Office. Email addresses are provided on the PA DEP

**SECTION C. Site Level Requirements**

website.

(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.

008 [25 Pa. Code §139.1]**Sampling facilities.**

Upon the request of the Department, the permittee shall provide adequate sampling ports, safe sampling platforms and adequate utilities for the performance by the Department of tests on a 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.

009 [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 test results 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 material or rate of production of final product, boiler pressure, oven temperature, and other conditions which may affect emissions from the process,
- (3) the location of sampling ports,
- (4) effluent characteristics, including velocity, temperature, moisture content, gas density (percentage of 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.

III. MONITORING REQUIREMENTS.**# 010 [25 Pa. Code §123.43]****Measuring techniques**

Visible emissions may be measured using either of the following:

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

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

(a) The permittee shall conduct, during daylight hours, monthly inspections of the facility, while it is in operation, to detect for visible emissions and fugitives, and malodorous air contaminants.

**SECTION C. Site Level Requirements**

(b) Any detected stack emission, fugitives or malodorous air contaminant shall be reported to the manager of the facility at once.

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

The permittee shall keep such records as are necessary to determine compliance with the air contaminant emission limitations specified herein and shall make these records available to the Department upon request.

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

The permittee shall generate and maintain records, in a logbook or electronically, of the monthly inspections/required monitoring to verify compliance. The records pertaining to required monitoring shall provide at minimum the monitoring information as per recordkeeping requirements within section B herein.

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

[Authority is also derived from 25 Pa. Code section 127.442]

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

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

(c) The report shall describe the following:

1. name, permit or authorization number, and location of the facility,
2. nature and cause of the malfunction, emergency or incident,
3. date and time when the malfunction, emergency or incident was first observed,
4. expected duration of excess emissions,
5. estimated rate of emissions,
6. corrective actions or preventative measures taken.

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

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

(f) Reports regarding malfunctions, emergencies or incidents of excess emissions shall be submitted to the appropriate

**SECTION C. Site Level Requirements**

DEP Regional Office Air Program Manager.

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

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

The permittee shall submit all requested reports in accordance with the Department's suggested format.

VI. WORK PRACTICE REQUIREMENTS.**# 016 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

The permittee shall take all reasonable actions to prevent particulate matter from becoming airborne as specified in 25 Pa. Code Section 123.1 subsection(s) (a)(1)-(7) or (a)(9). 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.

The permittee shall take all reasonable actions to prevent particulate matter from becoming airborne as specified in 25 Pa. Code Section 123.1 subsection(s) (a)(1)-(7) or (a)(9). 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.

VII. ADDITIONAL REQUIREMENTS.**# 017 [25 Pa. Code §121.7]****Prohibition of air pollution.**

The permittee shall not permit air pollution as that term is defined in the Pennsylvania Air Pollution Control Act (35 P.S. Sections 4001 - 4015).

018 [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 such a manner that the malodors are detectable outside the property of the person on whose land the source is being operated.

019 [25 Pa. Code §129.14]**Open burning operations**

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

VIII. COMPLIANCE CERTIFICATION.



SECTION C. Site Level Requirements

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

IX. COMPLIANCE SCHEDULE.

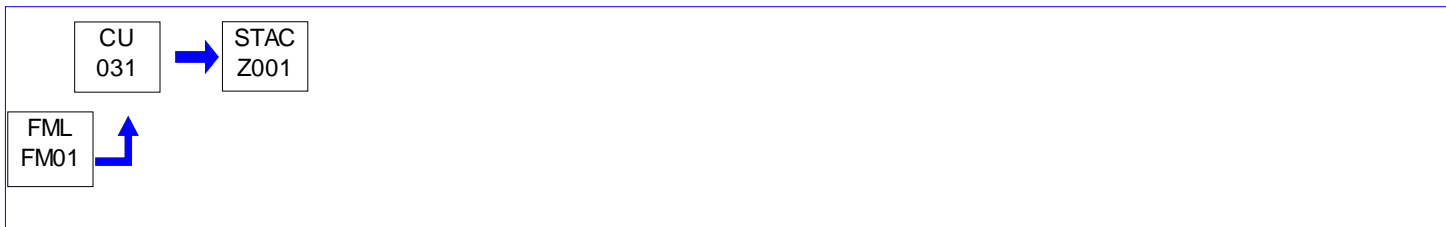
No compliance milestones exist.

**SECTION D. Source Level Requirements**

Source ID: 031

Source Name: 36 NATURAL GAS-FIRED INFRARED SPACE HEATERS

Source Capacity/Throughput:

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

001 [25 Pa. Code §123.22]

Combustion units

None of the space heaters incorporated in Source 031 shall emit sulfur oxides, expressed as sulfur dioxide (SO₂), 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 space heaters incorporated in Source 031 shall be fired on natural gas only.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

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

Source 031 is comprised of the following:

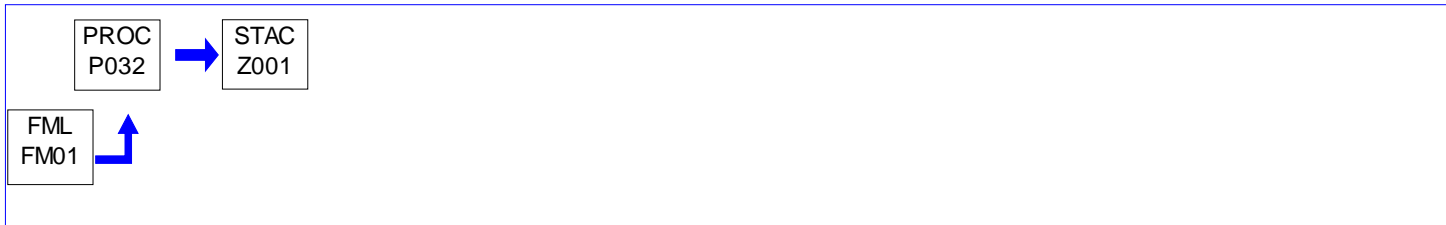
- (1) twenty-six 0.048 million Btu per hour American Infrared Model 48HBS-2N natural gas-fired infrared space heaters
- (2) eight 0.0715 million Btu per hour Perfection Schwank Model 18-N-A natural gas-fired infrared space heaters
- (3) one 0.100 million Btu per hour Perfection Schwank Model JA1007055AN natural gas-fired infrared space heater
- (4) one 0.048 million Btu per hour Precision Products natural gas-fired space heater

**SECTION D. Source Level Requirements**

Source ID: P032

Source Name: 31 NATURAL GAS-FIRED SPACE HEATERS

Source Capacity/Throughput:

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

001 [25 Pa. Code §123.13]

Processes

The concentration of particulate matter in the effluent gases of the space heaters incorporated in Souce P032 shall not exceed 0.04 grains per dry standard cubic foot of effluent gas volume.

002 [25 Pa. Code §123.21]

General

The concentration of sulfur oxides, expressed as sulfur dioxide (SO₂), in the effluent gases of the space heaters incorporated in Source P032 shall not exceed 500 parts per million, by volume, dry basis.

Fuel Restriction(s).

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The space heaters incorporated in Source P032 shall be fired on natural gas only.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

**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 (State Only General Requirements).

VII. ADDITIONAL REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source P032 is comprised of the following:

- (1) twenty-three 0.15 million Btu per hour Reznor Model US-150F natural gas-fired space heaters
- (2) one 0.15 million Btu per hour Reznor Model LUS-150F natural gas-fired space heater
- (3) two 0.17 million Btu per hour Reznor Model CEEXL170 natural gas-fired space heaters
- (4) four 0.40 million Btu per hour ThermoFlow Air Rotation natural gas-fired space heaters
- (5) one 0.32 million Btu per hour Assembly Area Heated Air Make-Up Unit natural gas-fired space heater

**SECTION D. Source Level Requirements**

Source ID: P101

Source Name: AMBER AND BLACK DIP-COATING OPERATIONS

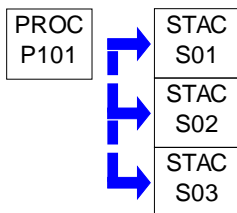
Source Capacity/Throughput:

0.950 Lbs/HR

THINNERS

11.500 Lbs/HR

RUST INHIBITOR COATINGS

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

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

No more than a combined total of 11,891 gallons of rust inhibitor coatings shall be used in the two dip tanks incorporated in Source P101 in any 12 consecutive month period, of which, no more than 10,899 gallons shall have a volatile organic compound content in excess of 2.80 pounds per gallon and none shall have a volatile organic compound content in excess of 3.14 pounds per gallon.

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

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

No more than a combined total of 1,048 gallons of thinners shall be used in the two dip tanks incorporated in Source P101 in any 12 consecutive month period, of which, no more than 948 gallons shall have a volatile organic compound content in excess of 7.40 pounds per gallon and none shall have a volatile organic compound content in excess of 7.94 pounds per gallon.

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

The emission of volatile organic compounds from the black dip tank and associated drying rack incorporated in Source P101 shall not at any time equal or exceed 10 tons in any 12 consecutive month period.

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

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

Only those rust inhibitor coatings and thinners specifically identified in the application and supplemental materials submitted for Plan Approval No. 17-318-016 shall be used in, or associated with the use of, the amber dip tank and associated drying rack incorporated in Source P101, unless prior approval has been obtained from the Department to use rust inhibitor coatings and/or thinners having a different composition.

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

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

**SECTION D. Source Level Requirements**

The permittee shall add no more than 1 gallon of thinner to the amber dip tank incorporated in Source P101 for every 2.75 gallons of rust inhibitor coating material added (on a 12 consecutive month rolling average basis, as calculated by the Department).

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

[Additional authority for this permit condition is derived from the determination made by the Department on October 17, 1995 that the rust inhibitor coatings used in Source P101 were exempt from 25 Pa. Code §129.52.]

Only rust inhibitor coatings shall be used in, or associated with the use of, the two dip tanks incorporated in Source P101, unless prior approval has been obtained from the Department to use other coatings.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

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

(a) The permittee shall maintain accurate and comprehensive records of all volatile organic compound-containing and/or volatile hazardous air pollutant-containing rust inhibitor coatings and thinners used in, or associated with the use of, Source P101. The respective records shall be maintained separately for each of the 2 dip tanks incorporated in Source P101 and shall, for each dip tank, include the following:

- (1) the identity of each material (rust inhibitor coating, thinner, etc.) used;
- (2) an up-to-date Certified Product Data Sheet (CPDS) for each material used;
- (3) the amount in gallons of each material used each month;
- (4) the volatile organic compound content of each material in pounds per gallon; and
- (5) the identity and content in pounds per gallon of each volatile hazardous air pollutant of each material.

(b) All such records shall be retained on-site for a period of at least 5 years from the date of generation and shall be provided to the Department upon request. These records shall include all background information and calculations used in the derivation of the reported values.

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

The permittee shall submit semiannual reports that include the records required for Source P101.

The semiannual reports shall be submitted to the Department by no later than September 1 (for the immediately-preceding July 1 through June 30 twelve consecutive month period) and March 1 (for the immediately-preceding January 1 through December 31 twelve consecutive month period).

**SECTION D. Source Level Requirements****VI. WORK PRACTICE REQUIREMENTS.****# 009 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

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

The permittee shall allow the springs to drain over the amber dip tank as long as possible before moving them to the drying area.

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

Source P101 is a dip-coating operation in which automotive and truck springs are dipped into tanks containing rust inhibitor coating. Source P101 is comprised of 2 dip tanks (an amber tank and a black tank) and associated drying racks.

**SECTION D. Source Level Requirements**

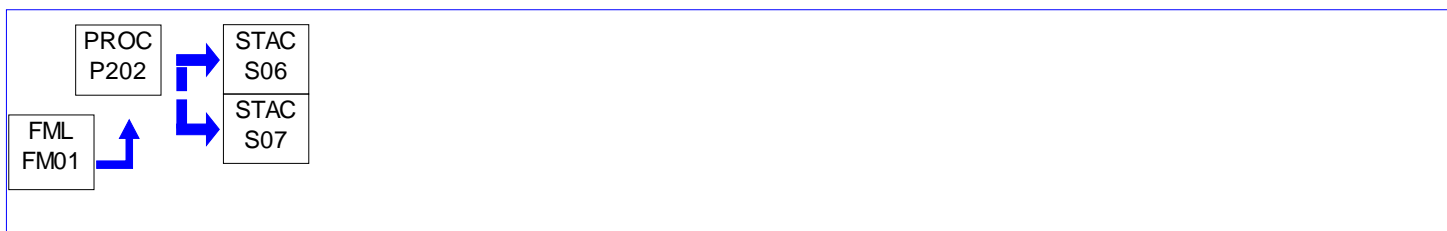
Source ID: P202

Source Name: UNIT DRAW FURNACE 1062 LINE #3

Source Capacity/Throughput:

4.200 MCF/HR

Natural Gas

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

001 [25 Pa. Code §123.13]

Processes

The concentration of particulate matter in the effluent gas of Source P202 shall not exceed 0.04 grains per dry standard cubic foot of effluent gas volume.

002 [25 Pa. Code §123.21]

General

The concentration of sulfur oxides, expressed as sulfur dioxide (SO₂), in the effluent gas of Source P202 shall not exceed 500 parts per million, by volume, dry basis.

Fuel Restriction(s).

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source P202 shall be fired on natural gas only.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

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

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source P202 is a 4.27 million Btu per hour Denton Refractories natural gas-fired furnace identified by the permittee as Unit Draw Furnace No. 1062.

**SECTION D. Source Level Requirements**

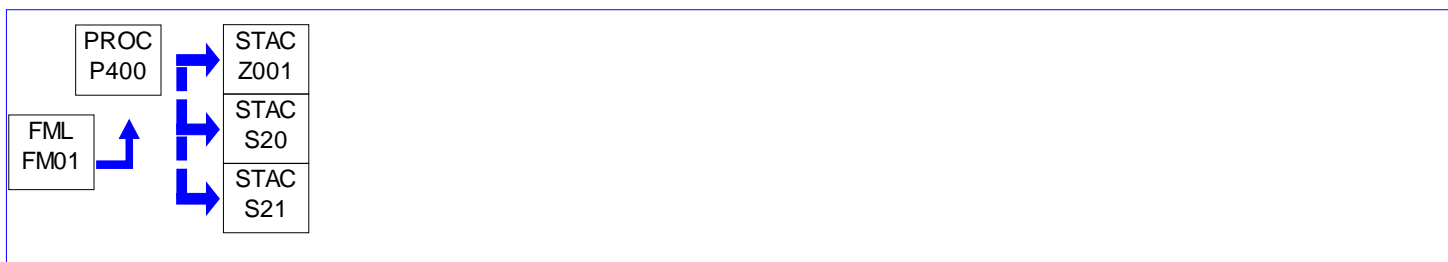
Source ID: P400

Source Name: RAPID HEATERS

Source Capacity/Throughput:

13.700 MCF/HR

Natural Gas

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

001 [25 Pa. Code §123.13]

Processes

The concentration of particulate matter in the effluent gas of each of the rapid heaters incorporated in Source P400 shall not exceed 0.04 grains per dry standard cubic foot of effluent gas volume.

002 [25 Pa. Code §123.21]

General

The concentration of sulfur oxides, expressed as sulfur dioxide (SO₂), in the effluent gas of each of the rapid heaters incorporated in Source P400 shall not exceed 500 parts per million, by volume, dry basis.

Fuel Restriction(s).

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Each of the rapid heaters incorporated in Source P400 shall be fired on natural gas only.

Throughput Restriction(s).

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The rapid heaters identified as Sources P403 and P407 shall only be used to process clean steel that is free of oil, grease, dirt, and quenching solution.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

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

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source P400 is comprised of the following:

- (1) Source P401 is a 1.10 million Btu per hour Rapid Technology natural gas-fired furnace identified by the permittee as Rapid Heater No. 10030;
- (2) Source P403 is a 1.00 million Btu per hour Fairbank Brearly natural gas-fired furnace identified by the permittee as Rapid Heater No. 10061;
- (4) Source P405 is a 0.55 million Btu per hour Rapid Technology natural gas-fired furnace identified by the permittee as Rapid Heater No. 14037;
- (5) Source P407 is a 2.50 million Btu per hour Rapid Technology natural gas-fired furnace identified by the permittee as Rapid Heater No. 14064;
- (6) Source P408 is a 2.5 million Btu per hour Fairbank Brearly natural gas-fired furnace identified by the permittee as Rapid Heater No. 14201.
- (7) Source P409 is a 0.4 MMBtu/hr natural-gas-fired Radiant Small Forge furnace (SRP Wrap)
- (8) Source P410 is a 1.35 MMBtu/hr natural-gas-fired Rapid Fire PG-6 furnace (PG-6)
- (9) Source P411 is a 1.95 MMBtu/hr natural-gas-fired Rapid Fire Back to Back furnace (SRP Eye)
- (10) Source P412 is a 1.1 MMBTU/hr natural-gas-fired Rapid Technology furnace (#00933)
- (11) Source P413 is a 1.5 MMBTU/hr natural-gas-fired Gasmac furnace (#00902)

**SECTION D. Source Level Requirements**

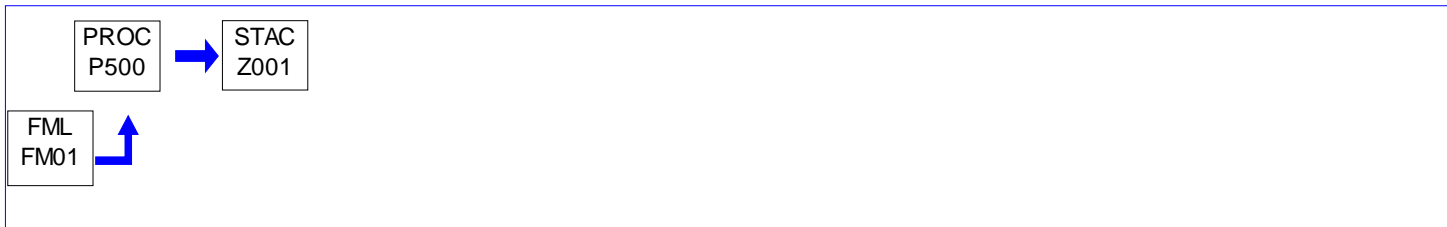
Source ID: P500

Source Name: SLOT FURNACES

Source Capacity/Throughput:

590.000 CF/HR

Natural Gas

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

001 [25 Pa. Code §123.13]

Processes

The concentration of particulate matter in the effluent gas of each of the slot furnaces incorporated in Source P500 shall not exceed 0.04 grains per dry standard cubic foot of effluent gas volume.

002 [25 Pa. Code §123.21]

General

The concentration of sulfur oxides, expressed as sulfur dioxide (SO₂), in the effluent gas of each of the slot furnaces incorporated in Source P500 shall not exceed 500 parts per million, by volume, dry basis.

Fuel Restriction(s).

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Each of the slot furnaces incorporated in Source P500 shall be fired on natural gas only.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

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

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source P500 is comprised of the following:

- (1) Source P501 is a 0.20 million Btu per hour Johnson Appliance natural gas-fired furnace identified by the permittee as Slot Furnace No. 10059;
- (2) Source P502 is a 0.20 million Btu per hour Johnson Appliance natural gas-fired furnace identified by the permittee as Slot Furnace No. 14039;
- (3) Source P505 is a 0.20 million Btu per hour Johnson Appliance natural gas-fired furnace identified by the permittee as Slot Furnace No. 5064.

**SECTION D. Source Level Requirements**

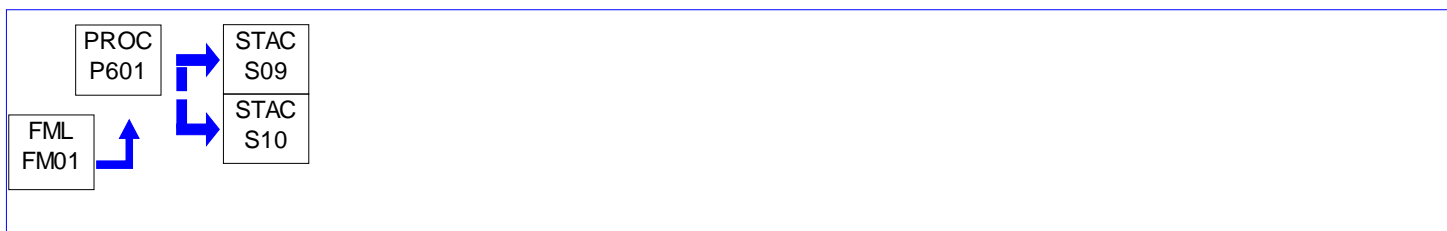
Source ID: P601

Source Name: WALKING BEAM FURNACE 1057 & ASSOCIATED QUENCH UNIT

Source Capacity/Throughput:

4.600 MCF/HR

Natural Gas

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

001 [25 Pa. Code §123.13]

Processes

The concentration of particulate matter in the effluent gas of Source P601 shall not exceed 0.04 grains per dry standard cubic foot of effluent gas volume.

002 [25 Pa. Code §123.21]

General

The concentration of sulfur oxides, expressed as sulfur dioxide (SO₂), in the effluent gas of the walking beam furnace incorporated in Source P601 shall not exceed 500 parts per million, by volume, dry basis.

Fuel Restriction(s).

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source P601 shall be fired on natural gas only.

Throughput Restriction(s).

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

None of the quench oil used in the process quench oil tanks associated with Sources P601, P602 and P603 shall have a volatile organic compound content in excess of 0.15 pounds per gallon, as determined by EPA Method 24.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

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

(a) The permittee shall maintain accurate and comprehensive records of all volatile organic compound-containing and/or volatile hazardous air pollutant-containing quench oils used in, or associated with the use of, the quench unit associated with Source P601. The respective records shall include the following:

- (1) the identity of each material used;
- (2) an up-to-date Certified Product Data Sheet (CPDS) for each material used;
- (3) the amount in gallons of each material added to the quench tank each month;
- (4) the volatile organic compound content of each material in pounds per gallon; and
- (5) the identity and content in pounds per gallon of each volatile hazardous air pollutant of each material.

(b) All records generated pursuant to this condition shall be retained on-site for a period of at least 5 years from the date of generation and shall be provided to the Department upon request. These records shall include all background information and calculations used in the derivation of the reported values.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

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

Source P601 is an annealing process comprised of a 4.64 million Btu per hour Sunbeam natural gas-fired walking beam furnace identified by the permittee as Walking Beam Furnace No. 1057 and associated 7,000-gallon process quench oil tank.

**SECTION D. Source Level Requirements**

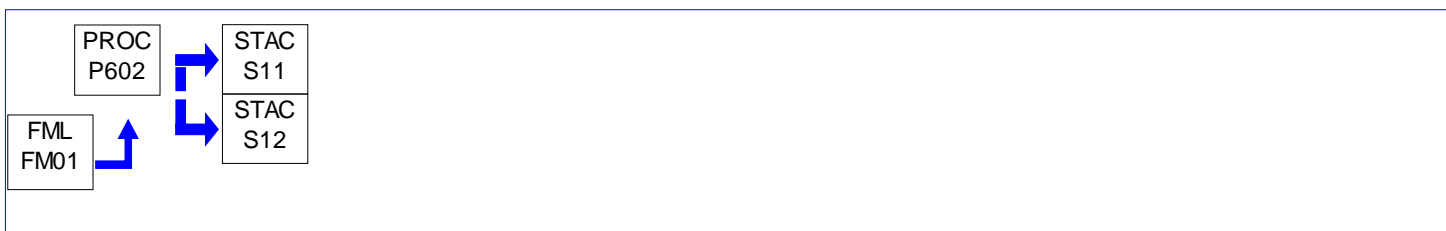
Source ID: P602

Source Name: WALKING BEAM FURNACE 1058 & ASSOCIATED QUENCH UNIT

Source Capacity/Throughput:

7.400 MCF/HR

Natural Gas

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

001 [25 Pa. Code §123.13]

Processes

The concentration of particulate matter in the effluent gas of Source P602 shall not exceed 0.04 grains per dry standard cubic foot of effluent gas volume.

002 [25 Pa. Code §123.21]

General

The concentration of sulfur oxides, expressed as sulfur dioxide (SO₂), in the effluent gas of the walking beam furnace incorporated in Source P602 shall not exceed 500 parts per million, by volume, dry basis.

Fuel Restriction(s).

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source P602 shall be fired on natural gas only.

Throughput Restriction(s).

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

None of the quench oil used in the process quench oil tanks associated with Sources P601, P602 and P603 shall have a volatile organic compound content in excess of 0.15 pounds per gallon, as determined by EPA Method 24.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

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

(a) The permittee shall maintain accurate and comprehensive records of all volatile organic compound-containing and/or volatile hazardous air pollutant-containing quench oils used in, or associated with the use of, the quench unit associated with Source P602. The respective records shall include the following:

- (1) the identity of each material used;
- (2) an up-to-date Certified Product Data Sheet (CPDS) for each material used;
- (3) the amount in gallons of each material added to the quench tank each month;
- (4) the volatile organic compound content of each material in pounds per gallon; and
- (5) the identity and content in pounds per gallon of each volatile hazardous air pollutant of each material.

(b) All records generated pursuant to this condition shall be retained on-site for a period of at least 5 years from the date of generation and shall be provided to the Department upon request. These records shall include all background information and calculations used in the derivation of the reported values.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

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

Source P602 is an annealing process comprised of a 7.56 million Btu per hour Sunbeam natural gas-fired walking beam furnace identified by the permittee as Walking Beam Furnace No. 1058 and associated 7,800-gallon process quench oil tank.

**SECTION D. Source Level Requirements**

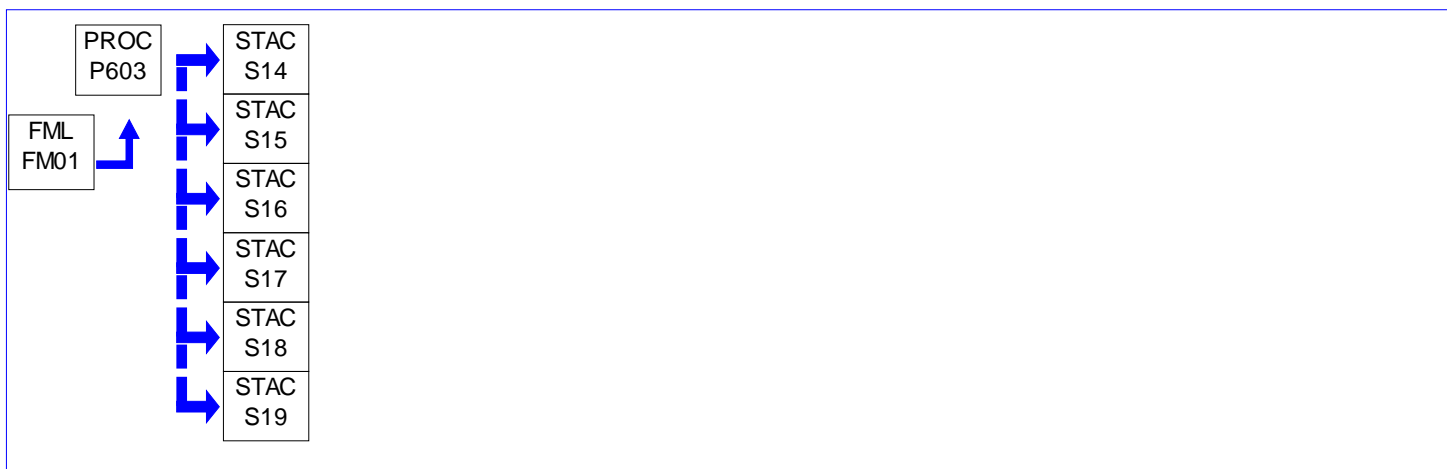
Source ID: P603

Source Name: WALKING BEAM FURNACE 1080 & ASSOCIATED QUENCH UNITS

Source Capacity/Throughput:

8.333 MCF/HR

Natural Gas

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

001 [25 Pa. Code §123.13]

Processes

The concentration of particulate matter in the effluent gas of Source P603 shall not exceed 0.04 grains per dry standard cubic foot of effluent gas volume.

002 [25 Pa. Code §123.21]

General

The concentration of sulfur oxides, expressed as sulfur dioxide (SO₂), in the effluent gas of the walking beam furnace incorporated in Source P603 shall not exceed 500 parts per million, by volume, dry basis.

Fuel Restriction(s).

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source P603 shall be fired on natural gas only.

Throughput Restriction(s).

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source P603 shall only be used to process clean steel that is free of oil, grease, dirt, and quenching solution.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

None of the quench oil used in the process quench oil tanks associated with Sources P601, P602 and P603 shall have a

**SECTION D. Source Level Requirements**

volatile organic compound content in excess of 0.15 pounds per gallon, as determined by EPA Method 24.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

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

(a) The permittee shall maintain accurate and comprehensive records of all volatile organic compound-containing and/or volatile hazardous air pollutant-containing quench oils used in, or associated with the use of, the quench unit associated with Source P603. The respective records shall include the following:

- (1) the identity of each material used;
- (2) an up-to-date Certified Product Data Sheet (CPDS) for each material used;
- (3) the amount in gallons of each material added to the quench tanks each month;
- (4) the volatile organic compound content of each material in pounds per gallon; and
- (5) the identity and content in pounds per gallon of each volatile hazardous air pollutant of each material.

(b) All records generated pursuant to this condition shall be retained on-site for a period of at least 5 years from the date of generation and shall be provided to the Department upon request. These records shall include all background information and calculations used in the derivation of the reported values.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

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

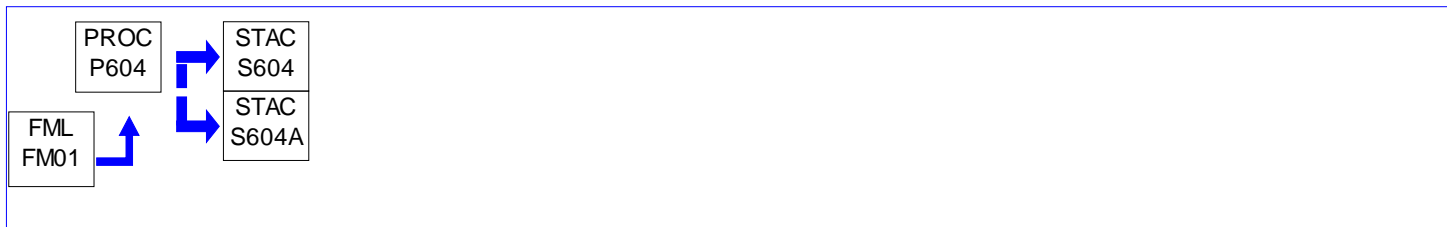
Source P603 is an annealing process comprised of a 8.50 million Btu per hour Can Engineering natural gas-fired walking beam furnace identified by the permittee as Walking Beam Furnace No. 1080 and associated 4,000-gallon and 8,000-gallon process quench oil tanks.

**SECTION D. Source Level Requirements**

Source ID: P604

Source Name: SRP DRAW AND FITTER FURNACES

Source Capacity/Throughput:

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

001 [25 Pa. Code §123.13]

Processes

The concentration of particulate matter in the effluent gas of each furnace incorporated into Source P604 shall not exceed 0.04 grains per dry standard cubic foot of effluent gas volume.

002 [25 Pa. Code §123.21]

General

The concentration of sulfur oxides, expressed as sulfur dioxide (SO₂), in the effluent gas of each furnace incorporated into Source P604 shall not exceed 500 parts per million, by volume, dry basis.

Fuel Restriction(s).

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source P604 shall be fired on natural gas only.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

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

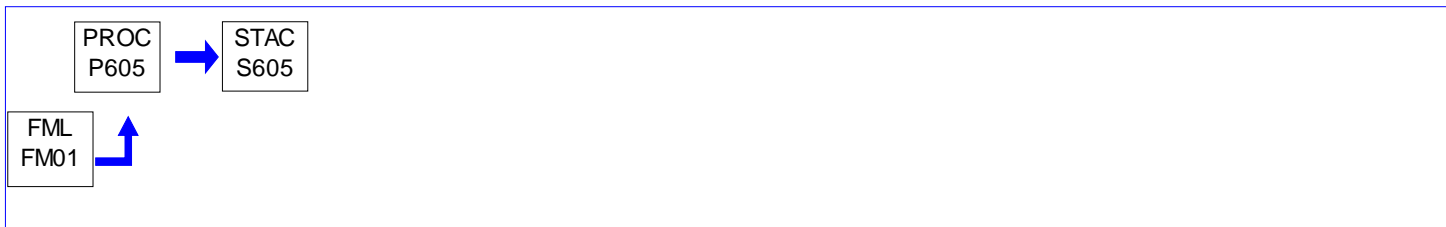
Source P604 is one 1.5 MMBtu/hr natural-gas-fired Pyromaitre furnace (SRP Draw Furnace) and smog hog and one 2.1 MMBtu/hr natural-gas-fired Box Slot furnace/fitter furnace (Fitter Furnace).

**SECTION D. Source Level Requirements**

Source ID: P605

Source Name: TEMPERING OVEN

Source Capacity/Throughput:

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

001 [25 Pa. Code §123.13]

Processes

The concentration of particulate matter in the effluent gas of Source P605 shall not exceed 0.04 grains per dry standard cubic foot of effluent gas volume.

002 [25 Pa. Code §123.21]

General

The concentration of sulfur oxides, expressed as sulfur dioxide (SO₂), in the effluent gas of Source P605 shall not exceed 500 parts per million, by volume, dry basis.

Fuel Restriction(s).

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source P605 shall be fired on natural gas only.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

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

Source P605 is a 2.3 MMBtu/hr Pyromaitre model P-10020G tempering oven (P1000).

**SECTION D. Source Level Requirements**

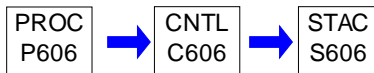
Source ID: P606

Source Name: SHOTPEEN PROCESS

Source Capacity/Throughput:

25.000 Lbs/HR

STEEL SHOT

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.41]****Limitations**

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

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

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

[Compliance with the emission limit within this permit condition would assure compliance with the applicable limit pursuant to 25 Pa. Code section 123.13]

Concentration of particulate matter emissions shall not exceed 0.01 gr/dscf from the Source ID C606 cartridge collector exhaust stack (Source ID S606 to the shotpeen process associated with Source ID P606).

II. TESTING REQUIREMENTS.

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

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

Source ID C606 shall be equipped with a manometer or other Department approved differential pressure gauge to continuously monitor pressure differentials across its cartridge filter at all times when the unit is in operation.

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

(a) The permittee shall maintain weekly records including differential pressure readings from the monitor on Source ID C606 to verify that the unit is operating in normal fashion.

(b) The permittee shall maintain monthly records including the estimated total amount (pounds) of abrasive material products used in each calendar month for the shotpeen process associated with Source ID P606 in order to determine 12-month rolling sum totals.

The information kept by the permittee per paragraphs (a) and (b) shall be retained for at least five (5) along with the other supporting information as required pursuant to the applicable recordkeeping requirements within section B herein.

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

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

VI. WORK PRACTICE REQUIREMENTS.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall keep on hand a sufficient quantity of spare filters for Source ID P606/C606 in order to be able to immediately replace any that are in need of replacement due to deterioration.

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall operate (and maintain) the Source ID C606 cartridge collector in accordance with the manufacturer's specifications and with good air pollution control practices.

VII. ADDITIONAL REQUIREMENTS.

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The emissions of particulate matter, PM-10, and PM2.5 from the Source ID P606 shotpeen process shall be controlled by the Source ID C606 cartridge collector device at all times when the process is in operation, and fugitives from the process shall be controlled or minimized in manner that there are no visible emissions from the building enclosing process (except from vent/Source ID S606 to the device)

008 [25 Pa. Code §127.441]

Operating permit terms and conditions.

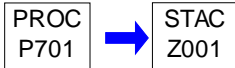
Source ID P606 authorized herein is the shotpeen process and its throughput is approximately 25 pounds abrasive (steel shot) per hour. Source IDs C606 authorized herein are the Wheelabrator cartridge collector, with a design airflow of approximately 2,262, including a Merv 12 cartridge filter, as well as the Merv 7&14 filters downstream of the collector.

**SECTION D. Source Level Requirements**

Source ID: P701

Source Name: TWO REMOTE RESERVOIR COLD CLEANING MACHINES

Source Capacity/Throughput:

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.**# 001 [25 Pa. Code §129.63]****Degreasing operations**

The permittee shall maintain accurate and comprehensive records of the name and address of the solvent supplier, the type of solvent including the product or vendor identification number, and the vapor pressure of the solvent measured in millimeter of mercury at 20°C (68°F) for each and every solvent used in the remote reservoir cold cleaning machines incorporated in Source P701. An invoice, bill of sale, certificate that corresponds to a number of sales, Material Safety Data Sheet (MSDS), or other appropriate documentation acceptable to the Department may be used to comply with this condition.

All such records shall be retained for at least 5 years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.**# 002 [25 Pa. Code §129.63]****Degreasing operations**

Each remote reservoir cold cleaning machine incorporated in Source P701 shall have a permanent, conspicuous label summarizing the following operating requirements:

- (1) Waste solvent shall be collected and stored in closed containers. The closed containers may contain a device that allows pressure relief, but does not allow liquid solvent to drain from the container.
- (2) Flushing of parts using a flexible hose or other flushing device shall be performed only within the cold cleaning machine. The solvent spray shall be a solid fluid stream, not an atomized or shower spray.
- (3) Sponges, fabric, wood, leather, paper products and other absorbent materials may not be cleaned in the cold cleaning machine.
- (4) Air agitated solvent baths may not be used.

**SECTION D. Source Level Requirements**

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

In addition, the label shall include the following discretionary good operating practices:

(1) Cleaned parts should be drained at least 15 seconds or until dripping ceases, whichever is longer. Parts having cavities or blind holes shall be tipped or rotated while the part is draining. During the draining, tipping or rotating, the parts should be positioned so that solvent drains directly back to the cold cleaning machine.

(2) When a pump-agitated solvent bath is used, the agitator should be operated to produce a rolling motion of the solvent with no observable splashing of the solvent against the tank walls or the parts being cleaned.

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

003 [25 Pa. Code §129.63]**Degreasing operations**

Each of the remote reservoir cold cleaning machines incorporated in Source P701 shall either be equipped with a perforated drain with a diameter of not more than 6 inches or have a cover that shall be closed at all times except during cleaning of parts or the addition or removal of solvent.

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

The permittee shall not use in any of the remote reservoir cold cleaning machines incorporated in Source P701 any solvent with a vapor pressure of 1.0 millimeter of mercury or greater.

005 [25 Pa. Code §129.63]**Degreasing operations**

Each remote reservoir cold cleaning machine incorporated in Source P701 shall be operated in accordance with the following procedures:

(1) Waste solvent shall be collected and stored in closed containers. The closed containers may contain a device that allows pressure relief, but does not allow liquid solvent to drain from the container.

(2) Flushing of parts using a flexible hose or other flushing device shall be performed only within the cold cleaning machine. The solvent spray shall be a solid fluid stream, not an atomized or shower spray.

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

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

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

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

Source P701 is comprised of the following:

(1) one 16-gallon Safety Kleen Model 16(51) remote reservoir cold cleaning machine

(2) one 30-gallon Safety Kleen Model 30(52) remote reservoir cold cleaning machine



SECTION E. Source Group Restrictions.



SECTION F. Alternative Operation Requirements.

No Alternative Operations exist for this State Only facility.



SECTION G. Emission Restriction Summary.

No emission restrictions listed in this section of the permit.



SECTION H. Miscellaneous.

The following air contaminant sources are considered to be of minor significance to the Department and have been determined to be exempt from permit requirements. However, this determination does not exempt the sources from compliance with all applicable air quality regulations specified in 25 Pa. Code Chapters 121-145:

- (1) two 6,000-gallon quench oil aboveground storage tanks
- (2) one 4,125-gallon quench oil aboveground storage tank
- (3) one 12,000-gallon quench oil aboveground storage tank
- (4) eight 33-gallon portable forklift propane cylinders and three 5-gallon portable gasoline cans
- (5) six dust collectors used to control the air contaminant emissions from various welding, cutting, drilling, milling and grinding operations; all dust collectors exhaust indoors and are incapable of exhausting outdoors
- (6) one 5000-gallon aboveground quench oil storage tank



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