



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

STATE ONLY OPERATING PERMIT

Issue Date: July 12, 2004

Effective Date: August 1, 2004

Expiration Date: July 31, 2009

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: 09-00057

Synthetic Minor

Federal Tax Id - Plant Code: 14-1682544-1

Owner Information

Name: AMETEK US GAUGE DIV

Mailing Address: 900 CLYMER AVE
SELLERSVILLE, PA 18960

Plant Information

Plant: AMETEK INC / SELLERSVILLE

Location: 09 Bucks County 09812 Sellersville Borough

SIC Code: 3823 Manufacturing - Process Control Instruments

Responsible Official

Name: JOSEPH KARPOV

Title: DIRECTOR OF OPERATIONS

Phone: (215) 257 - 6531

Permit Contact Person

Name: SCOTT SEIP

Title: MFG ENG

Phone: (215) 257 - 6531 Ext.513

[Signature] _____

FRANCINE B CARLINI, SOUTHEAST REGION AIR PROGRAM MANAGER



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

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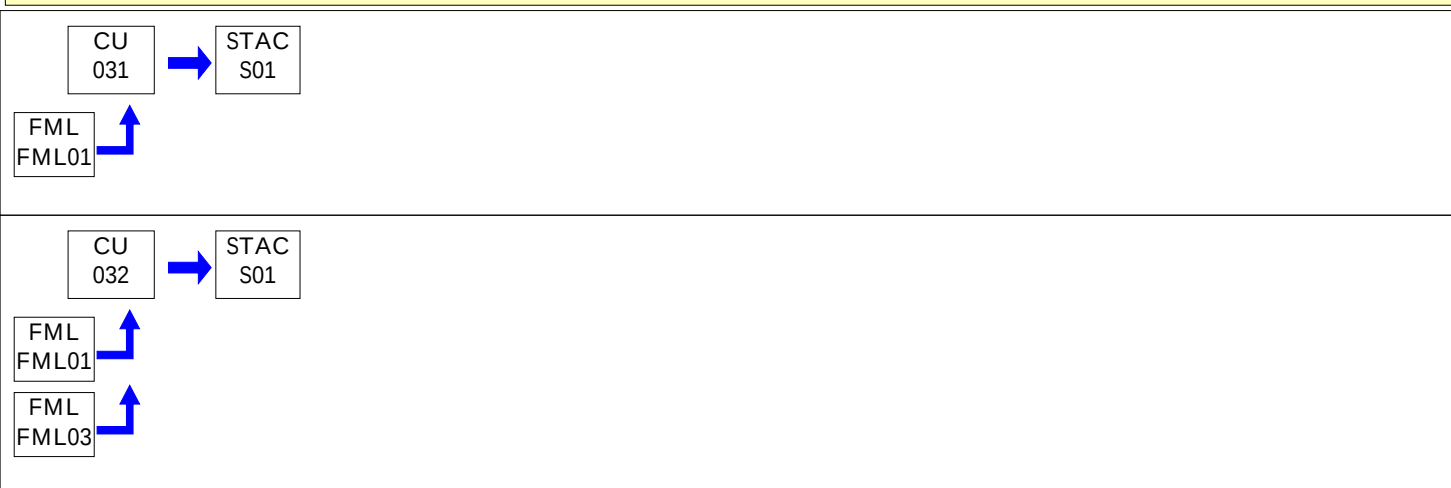
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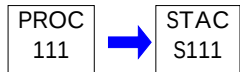
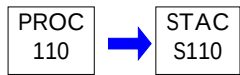
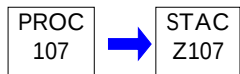
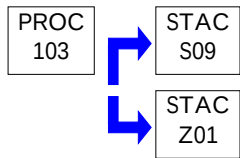
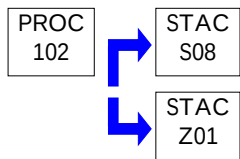
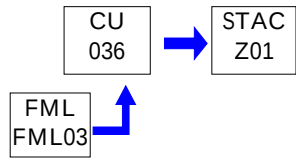
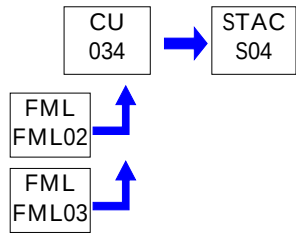
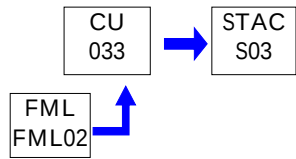


SECTION A. Site Inventory List

Source ID	Source Name	Capacity/Throughput	Fuel/Material
031	BOILER #1	16.70 MMBTU / HR	
		111.50 Gal / HR	#2 Oil
032	BOILER #2	16.70 MMBTU / HR	
		111.50 Gal / HR	#2 Oil
		16.00 MCF / HR	Natural Gas
033	BOILER #3	25.10 MMBTU / HR	
		167.50 Gal / HR	#6 Oil
034	BOILER #4	16.70 MMBTU / HR	
		111.50 Gal / HR	#6 Oil
		15.90 MCF / HR	Natural Gas
036	MISCELLANEOUS NATURAL GAS SOURCES	3.00 MMBTU / HR	
		2,900.00 CF / HR	Natural Gas
102	SOLVENT BASED PAINTING		
103	POWDER COATING OPERATIONS		
107	BRANSON DEGREASER	0.70 Lbs / HR	TCE
110	CHROMIUM ELECTROPLATING - MACHINE	N / A	
111	CHROMIUM ELECTROPLATING - HAND LINE	N / A	
FML01	NO. 2 FUEL OIL		
FML02	NO. 6 FUEL OIL		
FML03	NATURAL GAS		
S01	BOILERS STACK		
S03	BOILER #3 STACK		
S04	BOILER #4 STACK		
S08	SOLVENT PAINT BOOTH STACK		
S09	POWDER COAT STACK		
S110	CHROMIUM MACHINE STACK		
S111	CHROMIUM HAND LINE STACK		
Z01	FUGITIVE		
Z107	BRANSON DEGREASER		

PERMIT MAPS







SECTION B. General State Only Requirements

#001 [25 Pa. Code § 121.1]

Definitions.

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

#002 [25 Pa. Code § 127.446]

Operating Permit Duration.

(a) This operating permit is issued for a fixed term of five (5) years and shall expire on the date specified on Page 1 of this permit.

(b) The terms and conditions of the expired permit shall automatically continue pending issuance of a new operating permit, provided the permittee has submitted a timely and complete application and paid applicable fees required under 25 Pa. Code Chapter 127, Subchapter I and the Department is unable, through no fault of the permittee, to issue or deny a new permit before the expiration of the previous permit.

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

Permit Renewal.

(a) The permittee shall submit a timely and complete application for renewal of the operating permit to the appropriate Regional Air Program Manager. The application for renewal of the operating permit shall be submitted at least six (6) months and not more than 18 months before the expiration date of this permit.

(b) The application for permit renewal shall include the current permit number, a description of any permit revisions that occurred during the permit term, and any applicable requirements that were promulgated and not incorporated into the permit during the permit term. An application is complete if it contains sufficient information to begin processing the application, has the applicable sections completed and has been signed by a responsible official.

(c) The permittee shall submit with the renewal application a fee for the processing of the application and an additional annual administrative fee as specified in 25 Pa. Code § 127.703(b) and (c). The fees shall be made payable to "The Commonwealth of Pennsylvania - Clean Air Fund" and shall be for the amount specified in the following schedule specified in 25 Pa. Code § 127.703(b) and (c).

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

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

(d) The renewal application shall also include submission of proof that the local municipality and county, in which the facility is located, have been notified in accordance with 25 Pa. Code § 127.413.

(e) The application for renewal of the operating permit shall also include submission of supplemental compliance review forms in accordance with the requirements of 25 Pa. Code § 127.412(b) and § 127.412(j).

(f) The permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information as necessary to address any requirements that become applicable to the source after the permittee submits a complete application, but prior to the date the Department takes action on the permit application.

#004 [25 Pa. Code § 127.703]

Operating Permit Fees under Subchapter I.

(a) The permittee shall pay fees according to the following schedule specified in 25 Pa. Code § 127.703(b):

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

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

This fee schedule shall apply to the processing of an application for an operating permit as well as the extension, modification, revision, renewal, and re-issuance of each operating permit or part thereof.

**SECTION B. General State Only Requirements**

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

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

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

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

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

#005 [25 Pa. Code §§ 127.450 (a)(4) and 127.464]

Transfer of Operating Permits.

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

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

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

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

Inspection and Entry.

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

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

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

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

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

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

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

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

Compliance Requirements.

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

(1) Enforcement action

(2) Permit termination, revocation and reissuance or modification

SECTION B. General State Only Requirements

(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 modified, revoked, reopened and reissued or terminated for cause if one or more of the following applies:

(a) 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.

(b) 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.

(c) The permittee has failed to submit a report required by the operating permit or an applicable regulation.

(d) The EPA determines that the permit is not in compliance with the Clean Air Act or the regulations thereunder.

#011 [25 Pa. Code §§ 127.450 & 127.462]

Operating Permit Modifications

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

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

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

**SECTION B. General State Only Requirements**

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

#012 [25 Pa. Code § 127.441]

Severability Clause.

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

#013 [25 Pa. Code § 127.449]

De Minimis Emission Increases.

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

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

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

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

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

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

(2) One ton of NO_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:

(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.

SECTION B. General State Only Requirements

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

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

(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)

(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 §

**SECTION B. General State Only Requirements**

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 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.

**SECTION B. General State Only Requirements**

#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 C. Site Level Requirements****I. RESTRICTIONS.****Emission Restriction(s).**

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.411]

(a) The permittee shall limit the NO_x emissions for the entire site to 23.4 tons per year, based on a twelve (12) month rolling sum.

(b) The permittee shall limit the SO_x emissions for the entire site to 38.9 tons per year, based on a twelve (12) month rolling sum.

002 [25 Pa. Code §121.7]

Prohibition of air pollution.

No person may permit air pollution as that term is defined in the Air Pollution Control Act 35 P.S. (Section 4003).

003 [25 Pa. Code §123.1]

Prohibition of certain fugitive emissions

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

(a) Construction or demolition of buildings or structures.

(b) Grading, paving and maintenance of roads and streets.

(c) Use of roads and streets. Emissions from material in or on trucks, railroad cars and other vehicular equipment are not considered as emissions from use of roads and streets.

(d) Clearing of land.

(e) Stockpiling of materials.

(f) Sources and classes of sources other than those identified in paragraphs (a)-(e), for which the operator has obtained a determination from the Department that fugitive emissions from the source, after appropriate control, meet the following requirements:

(1) the emissions are of minor significance with respect to causing air pollution; and

(2) the emissions are not preventing or interfering with the attainment or maintenance of any ambient air quality standard.

004 [25 Pa. Code §123.2]

Fugitive particulate matter

A person may not permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in 25 Pa. Code § 123.1(a)(1) -- (9) (relating to prohibition of certain fugitive emissions) if such emissions are visible at the point the emissions pass outside the person's property.

005 [25 Pa. Code §123.31]

Limitations

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

006 [25 Pa. Code §123.41]

Limitations

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

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

(b) Equal to or greater than 60% at any time.

**SECTION C. Site Level Requirements**

007 [25 Pa. Code §123.42]

Exceptions

The limitations of 25 Pa. Code § 123.41 (relating to Limitations) shall not apply to a visible emission in any of the following instances:

- (a) when the presence of uncombined water is the only reason for failure of the emission to meet the limitations.
- (b) When the emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions.
- (c) When the emission results from sources specified in 25 Pa. Code § 123.1(a)(1) -- (9) (relating to prohibition of certain fugitive emissions).
- (d) When arising from the production of agricultural commodities in their unmanufactured state on the premises of the farm operation.

008 [25 Pa. Code §129.14]

Open burning operations

No person may permit the open burning of material in the Southeast Air Basin, except when the open burning results from:

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

Throughput Restriction(s).

009 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.411]

The permittee shall limit fuel usage at the facility as follows:

- (a) Natural Gas - 150,000,000 cubic feet per year, and
- (b) No. 2 Fuel Oil - 50,000 gallons per year, and
- (c) No. 6 Fuel Oil - 450,000 gallons per year.

II. TESTING REQUIREMENTS.

010 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The Department reserves the right to require stack testing of any source(s) as necessary to verify emissions for purposes including determining the correct emission fee, malfunctions, or determining compliance with any applicable requirement.

011 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

SECTION C. Site Level Requirements

testing is required.

III. MONITORING REQUIREMENTS.

012 [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.

013 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall monitor the facility, once per operating day, for the following:

- (1) Odors, which the Department may determine to be objectionable.
- (2) Visible Emissions.
- (3) Fugitive Particulate Matter.

(b) All detectable objectionable odors, that originated on-site and cross the property line, as well as fugitive particulate emissions and visible emissions that originated on site shall:

- (1) Be investigated.
- (2) Be reported to the facility management, or individual(s) designated by the permittee.
- (3) Be recorded in a permanent written log.

(c) At the end of six months, upon the permittee's request, the Department will determine the feasibility of decreasing the monitoring frequency to weekly for the next six month period.

(d) After six (6) months of weekly monitoring, and upon the permittee's request, the Department will determine the feasibility of decreasing the frequency of monitoring to monthly.

(e) The Department reserves the right to change the above monitoring requirements at any time, based on but not limited to: the review of the compliance certification and the semi-annual report of monitoring and record keeping, complaints, monitoring results, and / or Department findings.

IV. RECORDKEEPING REQUIREMENTS.

014 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall maintain a record of all monitoring of fugitive emissions, visible emissions and odors, including those that deviate from the conditions found in this permit. The record of deviations shall contain, at a minimum, the following items:

- (a) Date, time, and location of the incident(s).
- (b) The cause of the event.
- (c) Any corrective action taken to abate the situation and prevent future occurrences.

015 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.411]

The permittee shall maintain monthly records of the NO_x and SO_x emissions for the entire facility, including 12-month rolling sums.

SECTION C. Site Level Requirements

016 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.411]

The permittee shall maintain monthly records of the amount and type of fuel consumed for the entire facility.

V. REPORTING REQUIREMENTS.

017 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall notify the Department within two (2) hours of becoming knowledgeable of any occurrence of any malfunction of the source(s) or associated air pollution control devices listed in Section A of this permit which results in, or may possibly result in, the emission of air contaminants in excess of the limitations specified in this permit or regulations contained in 25 Pa. Code Article III.

(b) Malfunction(s) which occur at this facility, and pose(s) an imminent danger to public health, safety, welfare and the environment, and would violate permit conditions if the source were to continue to operate after the malfunction, shall immediately be reported to the Department by telephone at the above number.

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

- (1) The malfunction(s).
- (2) The emission(s).
- (3) The duration.
- (4) Any corrective action taken.

018 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Within thirty (30) days of permit issuance, the permittee shall submit to the Department for approval, the proposed recordkeeping formats required by all Sections of this Permit.

019 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall report to the Department within thirty (30) days of occurrence, any exceedence of the facility wide NO_x and SO_x emission limits.

020 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 40 CFR Part 68.]

(a) If required by Section 112(r) of the Clean Air Act, the permittee shall develop and implement an accidental release [25 Pa. Code § 127.441(d) and 40 CFR Part 68] program consistent with requirements of the Clean Air Act, 40 CFR Part 68 (relating to chemical accident prevention provisions) and the Federal Chemical Safety Information, Site Security and Fuels Regulatory Relief Act (P.L. 106-40).

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

- (1) The permittee shall submit the first RMP to a central point specified by EPA no later than the latest of the following:
 - (i) Three years after the date on which a regulated substance is first listed under 40 CFR § 68.130; or,
 - (ii) The date on which a regulated substance is first present above a threshold quantity in a process.
- (2) The permittee shall submit any additional relevant information requested by the Department or EPA concerning the

SECTION C. Site Level Requirements

RMP and shall make subsequent submissions of RMPs in accordance with 40 CFR § 68.190.

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

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

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

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

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

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

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

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

(2) The permittee fails to submit a compliance schedule or include a statement in an annual Compliance Certification submittal for the previous year indicating compliance with the requirements of the terms and conditions of this permit, and the requirements of Section 112(r) of the Clean Air Act and 40 CFR Part 68. The certification shall include:

(i) The identification of each term or condition of the permit that is the basis of the certification.

(ii) The compliance status.

(iii) The methods used for determining the compliance status of the source, currently and over the reporting period.

(iv) Whether compliance was continuous or intermittent.

(g) The compliance certification should be postmarked or hand-delivered within thirty days of each anniversary date of the date of issuance of this permit.

021 [25 Pa. Code §135.3]

Reporting

(a) The permittee shall submit by March 1 of each year an Air Information Management System (AIMS) inventory report for the preceding calendar year. The report shall include information for all previously reported sources, new sources which were first operated during the proceeding calendar year and sources modified during the same period which were not previously reported.

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

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

SECTION C. Site Level Requirements**VI. WORK PRACTICE REQUIREMENTS.**

022 [25 Pa. Code §123.1]

Prohibition of certain fugitive emissions

A person responsible for any source(s) specified in 25 Pa. Code § 123.1 (referring to Fugitive Emissions) shall take all reasonable actions to prevent particulate matter from becoming airborne. These actions shall include, but not be limited to, the following:

(a) Use, where possible, of water or chemicals for control of dust in the demolition of buildings or structures, construction operations, the grading of roads, or the clearing of land.

(b) Application of asphalt, oil, water or suitable chemicals on dirt roads, material stockpiles and other surfaces which may give rise to airborne dusts.

(c) Paving and maintenance of roadways.

(d) Prompt removal of earth or other material from paved streets onto which earth or other material has been transported by trucking or earth moving equipment, erosion by water, or other means.

023 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

024 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee may not modify any source identified in Section A of this permit, prior to obtaining Department approval except those modifications authorized by Condition #013(g) of Section B, of this permit.

(b) If an unauthorized modification of any source(s) occurs at this facility, the permittee shall immediately notify the Department. If so directed by the Department, then this permit, as it pertains to the modified source(s), shall be suspended and the source(s) shall not be operated until the modification is authorized by the Department.

025 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall ensure that all sources and air cleaning devices are operated and maintained in accordance with manufacturer's specifications and good air pollution control practices.

VII. ADDITIONAL REQUIREMENTS.

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

VIII. COMPLIANCE CERTIFICATION.

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

IX. COMPLIANCE SCHEDULE.

No compliance milestones exist.

**SECTION D. Source Level Requirements**

Source ID: 031

Source Name: BOILER #1

Source Capacity / Throughput:

16.70 MMBTU / HR

111.50 Gal / HR

#2 Oil

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

001 [25 Pa. Code §123.11]

Combustion units

A person may not permit the emission into the outdoor atmosphere of particulate matter from a combustion unit in excess of the rate of 0.4 pound per million Btu of heat input, pursuant to 25 Pa. Code § 123.11(a)(1).

Fuel Restriction(s).

002 [25 Pa. Code §123.22]

Combustion units

No person may, at any time, offer for sale, deliver or use, exchange in trade or permit the use of commercial fuel oil for the use in combustion units which contain sulfur in excess of 0.3% by weight, as pursuant to 25 Pa. Code § 123.22(e)(2), for the outer zone.

[Compliance with this condition demonstrates compliance with the streamlined condition from 25 Pa. Code § 123.22(e)(1), for the outer zone.]

II. TESTING REQUIREMENTS.

003 [25 Pa. Code §139.16]

Sulfur in fuel oil.

(a) The following are applicable to tests for the analysis of commercial fuel oil:

(1) The fuel oil sample for chemical analysis shall be collected in a manner that provides a representative sample. Upon the request of a Department official, the person responsible for the operation of the source shall collect the sample employing the procedures and equipment specified in 25 Pa. Code § 139.4(10) (relating to references).

(2) Test methods and procedures for the determination of viscosity shall be that specified in 25 Pa. Code § 139.4(11) (relating to references). The viscosity shall be determined at 100°F.

(3) Tests methods and procedures for the determination of sulfur shall be those specified in 25 Pa. Code § 139.4(12)--(15).

(4) Results shall be reported in accordance with the units specified in 25 Pa. Code § 123.22 (relating to combustion units).

(b) The testing requirements in subpart (a) above, shall be waived in the event that a delivery receipt from the supplier, showing the percentage sulfur in the fuel, is obtained each time a fuel oil delivery is made.

III. MONITORING REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall monitor the amount and type of fuel consumed by this boiler on a weekly basis.

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

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall maintain weekly records of the amount and type of fuel consumed by this boiler.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

VII. ADDITIONAL REQUIREMENTS.

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Boiler #1 is located in Plant #1.

**SECTION D. Source Level Requirements**

Source ID: 032

Source Name: BOILER #2

Source Capacity / Throughput:

16.70 MMBTU / HR

111.50 Gal / HR

#2 Oil

16.00 MCF / HR

Natural Gas

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

001 [25 Pa. Code §123.11]

Combustion units

A person may not permit the emission into the outdoor atmosphere of particulate matter from a combustion unit in excess of the rate of 0.4 pound per million Btu of heat input, pursuant to 25 Pa. Code § 123.11(a)(1).

Fuel Restriction(s).

002 [25 Pa. Code §123.22]

Combustion units

No person may, at any time, offer for sale, deliver or use, exchange in trade or permit the use of commercial fuel oil for the use in combustion units which contain sulfur in excess of 0.3% by weight, as pursuant to 25 Pa. Code § 123.22(e)(2), for the outer zone.

[Compliance with this condition demonstrates compliance with the streamlined condition from 25 Pa. Code § 123.22(e)(1), for the outer zone.]

II. TESTING REQUIREMENTS.

003 [25 Pa. Code §139.16]

Sulfur in fuel oil.

(a) The following are applicable to tests for the analysis of commercial fuel oil:

(1) The fuel oil sample for chemical analysis shall be collected in a manner that provides a representative sample. Upon the request of a Department official, the person responsible for the operation of the source shall collect the sample employing the procedures and equipment specified in 25 Pa. Code § 139.4(10) (relating to references).

(2) Test methods and procedures for the determination of viscosity shall be that specified in 25 Pa. Code § 139.4(11) (relating to references). The viscosity shall be determined at 100°F.

(3) Tests methods and procedures for the determination of sulfur shall be those specified in 25 Pa. Code § 139.4(12)--(15).

(4) Results shall be reported in accordance with the units specified in 25 Pa. Code § 123.22 (relating to combustion units).

(b) The testing requirements in subpart (a) above, shall be waived in the event that a delivery receipt from the supplier, showing the percentage sulfur in the fuel, is obtained each time a fuel oil delivery is made.

III. MONITORING REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall monitor the amount and type of fuel consumed by this boiler on a weekly basis.

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

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall maintain weekly records of the amount and type of fuel consumed by this boiler.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

VII. ADDITIONAL REQUIREMENTS.

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Boiler #2 is located in Plant #1.

**SECTION D. Source Level Requirements**

Source ID: 033

Source Name: BOILER #3

Source Capacity / Throughput:

25.10 MMBTU / HR

167.50 Gal / HR

#6 Oil

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

001 [25 Pa. Code §123.11]

Combustion units

A person may not permit the emission into the outdoor atmosphere of particulate matter from a combustion unit in excess of the rate of 0.4 pound per million Btu of heat input, pursuant to 25 Pa. Code § 123.11(a)(1).

Fuel Restriction(s).

002 [25 Pa. Code §123.22]

Combustion units

No person may, at any time, offer for sale, deliver or use, exchange in trade or permit the use of commercial fuel oil for the use in combustion units which contain sulfur in excess of 1.0% by weight, as pursuant to 25 Pa. Code § 123.22(e)(2), for the outer zone.

[Compliance with this condition demonstrates compliance with the streamlined condition from 25 Pa. Code § 123.22(e)(1), for the outer zone.]

II. TESTING REQUIREMENTS.

003 [25 Pa. Code §139.16]

Sulfur in fuel oil.

(a) The following are applicable to tests for the analysis of commercial fuel oil:

(1) The fuel oil sample for chemical analysis shall be collected in a manner that provides a representative sample. Upon the request of a Department official, the person responsible for the operation of the source shall collect the sample employing the procedures and equipment specified in 25 Pa. Code § 139.4(10) (relating to references).

(2) Test methods and procedures for the determination of viscosity shall be that specified in 25 Pa. Code § 139.4(11) (relating to references). The viscosity shall be determined at 100°F.

(3) Tests methods and procedures for the determination of sulfur shall be those specified in 25 Pa. Code § 139.4(12)--(15).

(4) Results shall be reported in accordance with the units specified in 25 Pa. Code § 123.22 (relating to combustion units).

(b) The testing requirements in subpart (a) above, shall be waived in the event that a delivery receipt from the supplier, showing the percentage sulfur in the fuel, is obtained each time a fuel oil delivery is made.

III. MONITORING REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall monitor the amount and type of fuel consumed by this boiler on a weekly basis.

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

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall maintain weekly records of the amount and type of fuel consumed by this boiler.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

VII. ADDITIONAL REQUIREMENTS.

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Boiler #3 is located in Plant #2.

**SECTION D. Source Level Requirements**

Source ID: 034

Source Name: BOILER #4

Source Capacity / Throughput:

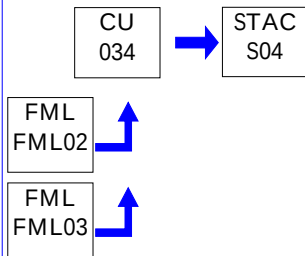
16.70 MMBTU / HR

111.50 Gal / HR

#6 Oil

15.90 MCF / HR

Natural Gas

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

001 [25 Pa. Code §123.11]

Combustion units

A person may not permit the emission into the outdoor atmosphere of particulate matter from a combustion unit in excess of the rate of 0.4 pound per million Btu of heat input, pursuant to 25 Pa. Code § 123.11(a)(1).

Fuel Restriction(s).

002 [25 Pa. Code §123.22]

Combustion units

No person may, at any time, offer for sale, deliver or use, exchange in trade or permit the use of commercial fuel oil for the use in combustion units which contain sulfur in excess of 1.0% by weight, as pursuant to 25 Pa. Code § 123.22(e)(2), for the outer zone.

[Compliance with this condition demonstrates compliance with the streamlined condition from 25 Pa. Code § 123.22(e)(1), for the outer zone.]

II. TESTING REQUIREMENTS.

003 [25 Pa. Code §139.16]

Sulfur in fuel oil.

(a) The following are applicable to tests for the analysis of commercial fuel oil:

(1) The fuel oil sample for chemical analysis shall be collected in a manner that provides a representative sample. Upon the request of a Department official, the person responsible for the operation of the source shall collect the sample employing the procedures and equipment specified in 25 Pa. Code § 139.4(10) (relating to references).

(2) Test methods and procedures for the determination of viscosity shall be that specified in 25 Pa. Code § 139.4(11) (relating to references). The viscosity shall be determined at 100°F.

(3) Tests methods and procedures for the determination of sulfur shall be those specified in 25 Pa. Code § 139.4(12)--(15).

(4) Results shall be reported in accordance with the units specified in 25 Pa. Code § 123.22 (relating to combustion units).

(b) The testing requirements in subpart (a) above, shall be waived in the event that a delivery receipt from the supplier, showing the percentage sulfur in the fuel, is obtained each time a fuel oil delivery is made.

III. MONITORING REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall monitor the amount and type of fuel consumed by this boiler on a weekly basis.

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

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall maintain weekly records of the amount and type of fuel consumed by this boiler.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

VII. ADDITIONAL REQUIREMENTS.

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Boiler #4 is located in Plant #2.

**SECTION D. Source Level Requirements**

Source ID: 036

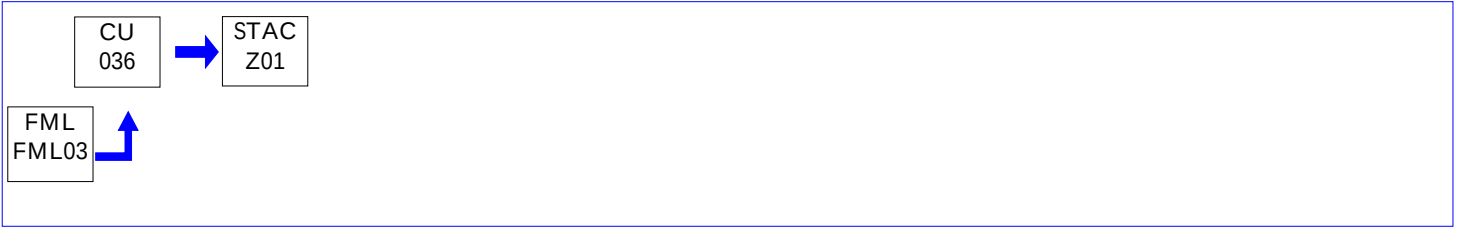
Source Name: MISCELLANEOUS NATURAL GAS SOURCES

Source Capacity / Throughput:

3.00 MMBTU / HR

2,900.00 CF / HR

Natural Gas

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

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall burn natural gas in the units contained in this source.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall monitor the amount and type of fuel consumed by the units contained in this source on a monthly basis.

IV. RECORDKEEPING REQUIREMENTS.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall maintain monthly records of the amount and type of fuel consumed by the units contained in this source.

V. REPORTING REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The following units are contained as Miscellaneous Natural Gas Consuming Sources, which total approximately 3.0 MMBtu / hr, including ~10 hand-torches:

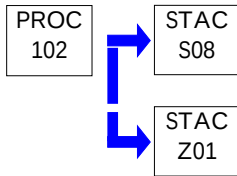
- (a) Paint line oven - 600,000 Btu / hr
- (b) South Mezz - Heater 183,000 Btu / hr
- (c) Burn off oven - 300,000 Btu / hr
- (d) Shipping dock heater 1 - 900,000 Btu / hr
- (e) Shipping dock heater 2 - 900,000 Btu / hr
- (f) Plating bathroom water heater - 36,000 Btu / hr.

SECTION D. Source Level Requirements

Source ID: 102

Source Name: SOLVENT BASED PAINTING

Source Capacity / Throughput:



I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

001 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

The permittee shall monitor the following for this source on a monthly basis:

- (a) amount of each solvent paint used, and
- (b) the VOC content of each solvent based paint used.

IV. RECORDKEEPING REQUIREMENTS.

002 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

The permittee shall maintain monthly records of the following for this source:

- (a) amount of each solvent paint used, and
- (b) the VOC content of each solvent based paint used.

V. REPORTING REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

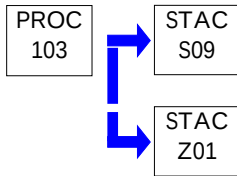
No additional requirements exist except as provided in other sections of this permit including Section B (relating to State Only General Requirements).

**SECTION D. Source Level Requirements**

Source ID: 103

Source Name: POWDER COATING OPERATIONS

Source Capacity / Throughput:

**I. RESTRICTIONS.**

Emission Restriction(s).

001 [25 Pa. Code §123.13]

Processes

No person may permit the emission into the outdoor atmosphere of particulate matter from any process in a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grain per dry standard cubic foot, pursuant to 25 Pa. Code § 123.13(c)(1)(i).

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall vent particulate matter from the powder coating operations to the internal collection system.

(b) The permittee shall maintain and operate the internal collection system and the explosion vent according to manufacturer's specifications and according to good engineering practices.

VII. ADDITIONAL REQUIREMENTS.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

This source has an internal collection system equipped with an explosion relief vent, which is vented to the outdoors.

**SECTION D. Source Level Requirements**

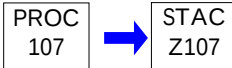
Source ID: 107

Source Name: BRANSON DEGREASER

Source Capacity / Throughput:

0.70 Lbs / HR

TCE

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

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall limit VOC emissions from the vapor degreaser to 0.70 lbs/hr and 3.1 tons per year, based on a 12-month rolling sum.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 40 CFR 63 Subpart T National Emission Standards for Halogenated Solvent Cleaning]

The permittee shall monitor the vapor degreaser according to the following:

(a) The temperature of the air blanket, at the center of the air blanket, shall be monitored using a thermocouple, or equivalent, at least once per shift. The temperature shall be taken while the vapor degreaser is in the idling mode.

(b) The cover shall be periodically monitored to ensure that the cover is opening and closing properly, completely covers the vapor degreaser openings when closed, and is free of cracks, holes, and other defects.

003 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.466]

**Subpart T--National Emission Standards for Halogenated Solvent Cleaning
Monitoring procedures**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441]

(a) The permittee shall determine the hoist speed by measuring the time it takes for the hoist to travel a measured distance. The speed is equal to the distance in meters divided by the time in minutes (meters per minute).

(b) The permittee shall monitor hoist speed on a quarterly basis. If an exceedance of the hoist speed occurs during quarterly monitoring, the monitoring frequency returns to monthly until another year of compliance without an exceedance is demonstrated, pursuant to 40 CFR § 63.466(c).

IV. RECORDKEEPING REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 40 CFR 63 Subpart T National Emission Standards for Halogenated Solvent Cleaning]

The permittee shall maintain records according to the following:

(a) The amount of virgin solvent that is added to the vapor degreaser shall be recorded on a monthly basis, and on a 12-month

**SECTION D. Source Level Requirements**

rolling period.

(b) The permittee shall keep the owner's manual or the written maintenance and operating procedures for the vapor degreaser for the lifetime of the vapor degreaser.

(c) The permittee shall keep record of the emissions of VOCs on a monthly basis and 12-month rolling sum.

(d) The permittee shall record the temperature of the air blanket at least once per shift.

005 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.467]

[Subpart T--National Emission Standards for Halogenated Solvent Cleaning](#)

[Recordkeeping requirements](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441]

The permittee shall maintain quarterly records of the hoist speed monitoring for this vapor degreaser, pursuant to 40 CFR § 63.467(b)(1).

006 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.467]

[Subpart T--National Emission Standards for Halogenated Solvent Cleaning](#)

[Recordkeeping requirements](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441]

The permittee shall maintain records of the halogenated HAP solvent content for each solvent used in the cleaning machine, pursuant to 40 CFR § 63.467(a)(5).

V. REPORTING REQUIREMENTS.

007 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.468]

[Subpart T--National Emission Standards for Halogenated Solvent Cleaning](#)

[Reporting requirements](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441]

The permittee shall submit an annual report by February 1 of the year following the one for which the reporting is being made. This report shall include the following requirements:

(a) A signed statement from the facility stating that "All operators of the solvent cleaning machine have received training on the proper operation of solvent cleaning machines and their control devices sufficient to pass the test required in 40 CFR § 63 Subpart T."

(b) An estimate of solvent consumption for the solvent cleaning machine during the reporting period, pursuant to 40 CFR § 63.468(f).

008 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.468]

[Subpart T--National Emission Standards for Halogenated Solvent Cleaning](#)

[Reporting requirements](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441]

The permittee shall submit an exceedance report semiannually except when it has been determined that more frequent reporting is necessary to accurately assess the compliance status of the source or, an exceedance has occurred. Once an exceedance has occurred the permittee shall follow a quarterly reporting format until a request to reduce reporting frequency is approved. Exceedance reports shall be delivered or postmarked by the 30th day following the end of each calendar half or quarter, as appropriate. The exceedance report shall include the following information, as applicable:

(a) Information on the actions taken to comply with the monitoring requirements for the vapor degreaser. This information shall include records of written or verbal orders for replacement parts, a description of the repairs made, and additional monitoring conducted to demonstrate that monitored parameters have returned to accepted levels.

(b) If an exceedance has occurred, the reason for the exceedance and a description of the actions taken.



SECTION D. Source Level Requirements

(c) If no exceedances of a parameter have occurred, or a piece of equipment has not been inoperative, out of control, repaired, or adjusted, such information shall be stated in the report, pursuant to 40 CFR § 63.468(h).

VI. WORK PRACTICE REQUIREMENTS.

009 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 40 CFR 63 Subpart T National Emission Standards for Halogenated Solvent Cleaning]

(a) The freeboard ratio of the vapor degreaser shall be 120 percent.

(b) The degreaser shall be equipped with a freeboard refrigeration device and working-mode cover.

010 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 40 CFR 63 Subpart T National Emission Standards for Halogenated Solvent Cleaning]

The permittee shall maintain and operate the vapor degreaser according to the following work practice standards:

(a) The company shall keep the cover of the vapor degreaser closed at all times except when processing work loads through the degreaser, maintenance or monitoring is being performed that requires the cover to not be in place, or the solvent has been removed from the degreaser. The opening and closing of the cover shall not disturb the vapor zone.

(b) The company shall minimize solvent carryout according to the following conditions:

- (i) racking all parts to allow full drainage;
- (ii) tipping and /or rotating clean parts that have cavities or blind holes to eliminate any pools of solvent before removal;
- (iii) moving parts in and out of the degreaser at a rate of 11 feet per minute or less;
- (iv) degreasing the workload in the vapor zone for at least 30 seconds or until condensation ceases; and
- (v) allowing parts to dry within the degreaser for at least 15 seconds or until visually dry.

(c) The parts baskets or the parts being cleaned shall not occupy more than 50% of the solvent / air interface area unless the parts baskets or parts are introduced at a rate of 3 feet per minute.

(d) The permittee shall not degrease porous or adsorbent materials (i.e. cloth, leather, wood, rope, etc.) in the vapor degreaser.

(e) The permittee shall not spray solvent above the vapor level.

(f) The permittee shall repair solvent leaks immediately or shutdown the vapor degreaser.

(g) The permittee shall not dispose of waste solvent or transfer it to another party such that greater than 20% of the waste by weight will evaporate to the atmosphere.

(h) Waste solvent, still bottoms, and sump bottoms shall only be stored in closed containers.

(i) Water shall not be visually detectable in solvent exiting the water separator.

(j) The permittee shall permanently affix to a prominent place on the vapor degreaser a conspicuous label summarizing the requirements of subconditions (a) through (i) above.

(k) During startup, the primary condenser shall be turned on before the sump heater. Likewise, during shutdown, the sump heater shall be turned off and the solvent layer allowed to collapse before the primary condenser is turned off.

(l) When solvent is added to or drained from the degreaser, the solvent shall be transferred using threaded or other leak-proof couplings and the end of the pipe in the solvent sump shall be located beneath the liquid solvent surface.

**SECTION D. Source Level Requirements**

(m) The air blanket temperature shall not exceed 57° F.

(n) The vapor degreaser shall be equipped with the following:

- (i) a safety switch that will shut off the sump heat if condenser coolant is either not circulating or too warm;
- (ii) a device that shuts off the sump heat if the sump liquid solvent level drops to the sump heater coils; and
- (iii) a vapor level control device that shuts off sump heat if the vapor level in the vapor cleaning machine rises above the height of the primary condenser.

VII. ADDITIONAL REQUIREMENTS.

011 [25 Pa. Code §127.441]

Operating permit terms and conditions.

This batch vapor solvent cleaning machine uses trichloroethylene (CAS No. 79-01-6).

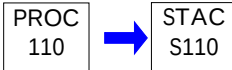
**SECTION D. Source Level Requirements**

Source ID: 110

Source Name: CHROMIUM ELECTROPLATING - MACHINE

Source Capacity / Throughput:

N / A

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

001 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.344]

[Subpart N National Emission Standards for Chromium Emissions from Hard and Decorative Electroplating and Chromium Anodizing Tanks.](#)

[Performance test requirements and test methods.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441]

(a) Performance test results shall be documented in complete test reports that contain the information required by paragraphs (a)(1) through (a)(9) below. The test plan to be followed shall be made available to the Department prior to the testing, if requested.

- (1) A brief process description;
- (2) Sampling location description(s);
- (3) A description of sampling and analytical procedures and any modifications to standard procedures;
- (4) Test results;
- (5) Quality assurance procedures and results;
- (6) Records of operating conditions during the test, preparation of standards, and calibration procedures;
- (7) Raw data sheets for field sampling and field and laboratory analyses;
- (8) Documentation of calculations; and
- (9) Any other information required by the test method.

(b) The permittee may use the results of the initial performance testing at startup to demonstrate compliance condition (a).

III. MONITORING REQUIREMENTS.

002 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.343]

[Subpart N National Emission Standards for Chromium Emissions from Hard and Decorative Electroplating and Chromium Anodizing Tanks.](#)

[Compliance provisions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441]

(a) The permittee shall monitor the surface tension of the electroplating or anodizing bath according to the following schedule, pursuant to 40 CFR § 63.343(c)(5):

(1) The surface tension shall be measured once every 4 hours during operation of the tank with a stalagmometer or a tensiometer, as specified in Method 306B.

(2) The time between monitoring can be increased if there have been no exceedances. The surface tension shall be measured once every 4 hours of tank operation for the first 40 hours of tank operation after the compliance date. Once there are no exceedances during 40 hours of tank operation, surface tension measurement may be conducted once every 8 hours of tank operation. Once there are no exceedances during 40 hours of tank operation, surface tension measurement may be conducted once every 40 hours of tank operation on an ongoing basis, until an exceedance occurs. The minimum frequency of monitoring allowed is once every 40 hours of tank operation.

(3) Once an exceedance occurs as indicated through surface tension monitoring, the original monitoring schedule of once

SECTION D. Source Level Requirements

every 4 hours must be resumed. A subsequent decrease in frequency shall follow the schedule laid out in (2) above of this condition. For example, if the permittee had been monitoring an affected source once every 40 hours and an exceedance occurs, subsequent monitoring would take place once every 4 hours of tank operation. Once an exceedance does not occur for 40 hours of tank operation, monitoring can occur once every 8 hours of tank operation. Once an exceedance does not occur for 40 hours of tank operation on this schedule, monitoring can occur once every 40 hours of tank operation.

(b) Once a bath solution is drained from the affected tank and a new solution added, the original monitoring schedule of once every 4 hours must be resumed, with a decrease in monitoring frequency allowed following the procedures of (a)(2) and (3) above.

IV. RECORDKEEPING REQUIREMENTS.

003 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.342]
[Subpart N National Emission Standards for Chromium Emissions from Hard and Decorative Electroplating and Chromium Anodizing Tanks.](#)
[Standards.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441]

(a) The permittee shall keep on hand a written form of the operation and maintenance plan for the life of the source or until the source is no longer subjected to the provisions of Subpart N.

(b) The permittee shall keep previous (i.e. superseded) versions of the operation and maintenance plan on record in the event the plan is revised, for a period of five years after each revision to the plan, pursuant to 40 CFR § 63.342(f)(3)(v).

004 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.346]
[Subpart N National Emission Standards for Chromium Emissions from Hard and Decorative Electroplating and Chromium Anodizing Tanks.](#)
[Recordkeeping requirements.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441]

The permittee shall maintain the following records for this source, pursuant to 40 CFR § 63.346(b):

(a) Inspection records for the add-on air pollution control device and monitoring equipment, to document that the inspection and maintenance requirements have taken place. The record can take the form of a checklist and should identify the device inspected, the date of inspection, a brief description of the working condition of the device during the inspection, and any actions taken to correct deficiencies found during the inspection.

(b) Records of all maintenance performed on this source, the add-on air pollution control device, and monitoring equipment;

(c) Records of the occurrence, duration, and cause (if known) of each malfunction of process, add-on air pollution control, and monitoring equipment;

(d) Records of actions taken during periods of malfunction when such actions are inconsistent with the operation and maintenance plan;

(e) Other records, which may take the form of checklists, necessary to demonstrate consistency with the provisions of the operation and maintenance plan requirements;

(f) Test reports documenting results of all performance tests;

(g) All measurements as may be necessary to determine the conditions of performance tests;

(h) The specific identification (i.e., the date and time of commencement and completion) of each period of excess emissions, as indicated by monitoring data, that occurs during malfunction of the process, add-on air pollution control, or monitoring equipment;

(i) The specific identification (i.e., the date and time of commencement and completion) of each period of excess emissions, as indicated by monitoring data, that occurs during periods other than malfunction of the process, add-on air pollution control,

**SECTION D. Source Level Requirements**

or monitoring equipment;

(j) The total process operating time of the affected source during the reporting period;

(k) When the fume suppressant is used to comply with the standards, records of the date and time that fume suppressants are added to the electroplating or anodizing bath;

(l) Date and time of all surface tension measurements (refer to monitoring schedule);

(m) Any information demonstrating when the source is meeting the requirements for a waiver of recordkeeping or reporting requirements, if the source has been granted a waiver; and

(n) All documentation supporting the notifications and reports.

V. REPORTING REQUIREMENTS.

005 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.342]

[Subpart N National Emission Standards for Chromium Emissions from Hard and Decorative Electroplating and Chromium Anodizing Tanks.](#)
[Standards.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441]

If actions taken by the owner or operator during periods of malfunction are inconsistent with the procedures specified in the operation and maintenance plan, the permittee shall record the actions taken for that event and shall report to the Department such actions within two (2) working days after commencing actions inconsistent with the plan. This report shall be followed by a letter within seven (7) working days after the end of the event, unless the permittee makes alternative reporting arrangements, in advance, with the Department, pursuant to 40 CFR § 63.342(f)(3)(iv).

006 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.347]

[Subpart N National Emission Standards for Chromium Emissions from Hard and Decorative Electroplating and Chromium Anodizing Tanks.](#)
[Reporting requirements.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441]

(a) The permittee shall submit reporting requirements to the Department via US Mail, fax, or by another courier, or on approved electronic media, pursuant to 40 CFR § 63.347(a).

(1) US Mail submittals shall be postmarked on or before the specified date.

(2) Submittals sent by other methods shall be received by the Department on or before the specified date.

(b) The permittee shall submit performance test results to the Department no later than 90 days following the completion of the performance test, pursuant to 40 CFR § 63.347(f).

007 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.347]

[Subpart N National Emission Standards for Chromium Emissions from Hard and Decorative Electroplating and Chromium Anodizing Tanks.](#)
[Reporting requirements.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441]

(a) The permittee shall notify the Department in writing of the intention to conduct a performance test at least 60 calendar days before the test is scheduled to begin to allow the Department to have an observer present during the test, pursuant to 40 CFR § 63.347(d)(1).

(b) In the event the owner or operator is unable to conduct the performance test on the date specified in the notification requirement specified in (a) above, due to unforeseeable circumstances beyond his or her control, the permittee shall notify the Department within five (5) days prior to the scheduled performance test date and specify the date when the performance test is rescheduled. This notification of delay in conducting the performance test shall not relieve the owner or operator of legal responsibility for compliance with any other applicable provisions of this part or with any other applicable Federal, State, or

SECTION D. Source Level Requirements

local requirement, nor will it prevent the Department from implementing or enforcing this part or taking any other action under the Act, pursuant to 40 CFR § 63.347(d)(2) and 40 CFR § 63.7(b)(2).

008 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.347]

[Subpart N National Emission Standards for Chromium Emissions from Hard and Decorative Electroplating and Chromium Anodizing Tanks.](#)

[Reporting requirements.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441]

The permittee shall prepare a summary report to document the ongoing compliance status of the affected source. The permittee shall complete the summary report annually, except for instances of exceedances, and shall retain the report on site, pursuant to 40 CFR § 63.347(h)(1).

009 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.347]

[Subpart N National Emission Standards for Chromium Emissions from Hard and Decorative Electroplating and Chromium Anodizing Tanks.](#)

[Reporting requirements.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441]

(a) The permittee shall prepare and submit to the Department semiannual reports of exceedances if the following is met:

(1) the duration of excess emissions (as indicated in the monitoring data) is one (1) percent or greater of the total operating time for that reporting period, and

(2) the total duration of malfunctions of the add-on air pollution control device and monitoring equipment is five (5) percent or greater of the total operating time.

(b) The permittee shall submit ongoing compliance status reports semiannually to the Department until a request to reduce reporting frequency is approved, if (a)(1) and (2) above occur, pursuant to 40 CFR § 63.347(h)(2).

010 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.347]

[Subpart N National Emission Standards for Chromium Emissions from Hard and Decorative Electroplating and Chromium Anodizing Tanks.](#)

[Reporting requirements.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441]

(a) As soon as the monitoring data show that this source is not in compliance with the relevant emission limit, the frequency of reporting shall revert to semiannual, and the permittee shall state this exceedance in the ongoing compliance status report for the next reporting period.

(b) After demonstrating ongoing compliance with the relevant emission limit for another full year, the permittee may again request approval from the Department to reduce the reporting frequency.

011 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.347]

[Subpart N National Emission Standards for Chromium Emissions from Hard and Decorative Electroplating and Chromium Anodizing Tanks.](#)

[Reporting requirements.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441]

The permittee shall prepare a summary report to document the ongoing compliance status of the source, pursuant to 40 CFR § 63.347(h)(1). The report shall contain the following, pursuant to 40 CFR §63.347(g)(3):

(a) The company name and address of the affected source;

(b) An identification of the operating parameter that is monitored for compliance determination;

(c) The relevant emission limitation for the affected source, and the operating parameter value, or range of values, that correspond to compliance with this emission limitation;

SECTION D. Source Level Requirements

- (d) The beginning and end dates of the reporting period;
- (e) A description of the type of process performed;
- (f) The total operating time of the source during the reporting period;
- (g) A summary of operating parameter values, including the duration of excess emissions during the reporting period as indicated by those values, the total duration of excess emissions expressed as percent of the total source operating time during that reporting period, and a breakdown of the total duration of excess emissions during the reporting period into those that are due to process upsets, control equipment malfunctions, other known causes, and unknown causes;
- (h) A certification by a responsible official that the work practice standards for this source were followed in accordance with the operation and maintenance plan for the source;
- (i) If the operation and maintenance plan was not followed, an explanation of the reasons for not following the provisions, an assessment of whether any excess emissions and /or parameter monitoring exceedences are believed to have occurred, and a copy of the report(s) documenting that the operation and maintenance plan was not followed;
- (j) A description of any changes in monitoring, processes, or controls since the last reporting period;
- (k) The name, title, and signature of the responsible official who is certifying the accuracy of the report; and
- (l) The date of the report.

VI. WORK PRACTICE REQUIREMENTS.

012 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.342]
[Subpart N National Emission Standards for Chromium Emissions from Hard and Decorative Electroplating and Chromium Anodizing Tanks.](#)
[Standards.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441]

The permittee shall comply with the following work practice standards, which address operation and maintenance practices at this source, pursuant to 40 CFR § 63.342(f)(1):

- (a) At all times, including periods of startup, shutdown, and malfunction, owners or operators shall operate and maintain this source, including associated air pollution control devices and monitoring equipment, in a manner consistent with good air pollution control practices, and consistent with the operation and maintenance plan,
- (b) Malfunctions shall be corrected as soon as practicable after their occurrence in accordance with the operation and maintenance plan,
- (c) Operation and maintenance requirements established pursuant to section 112 of the Act are enforceable independent of emissions limitations or other requirements in relevant standards.

013 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.342]
[Subpart N National Emission Standards for Chromium Emissions from Hard and Decorative Electroplating and Chromium Anodizing Tanks.](#)
[Standards.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441]

- (a) Determination of whether acceptable operation and maintenance procedures are being used will be based on information available to the Department, which may include, but is not limited to, monitoring results; review of the operation and maintenance plan, procedures, and records; and inspection of the source.
- (b) Based on the results of a determination made under paragraph (a) above, the Department may require that an owner or operator of an affected source make changes to the operation and maintenance plan for this source. Revisions may be required if the Department finds that the plan:

**SECTION D. Source Level Requirements**

(1) Does not address a malfunction that has occurred;

(2) Fails to provide for the operation of the affected source, the air pollution control techniques, or the control system and process monitoring equipment during a malfunction in a manner consistent with good air pollution control practices; or

(3) Does not provide adequate procedures for correcting malfunctioning process equipment, air pollution control techniques, or monitoring equipment as quickly as practicable.

014 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.342]

[Subpart N National Emission Standards for Chromium Emissions from Hard and Decorative Electroplating and Chromium Anodizing Tanks.](#)
[Standards.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441]

The permittee shall control chromium emissions discharged to the atmosphere from this source by not allowing the surface tension of the electroplating or anodizing bath contained within the affected source to exceed 45 dynes per centimeter (dynes/cm) at any time during operation of the tank, pursuant to 40 CFR § 63.342(d)(2).

VII. ADDITIONAL REQUIREMENTS.

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

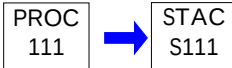
**SECTION D. Source Level Requirements**

Source ID: 111

Source Name: CHROMIUM ELECTROPLATING - HAND LINE

Source Capacity / Throughput:

N / A

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

001 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.344]

[Subpart N National Emission Standards for Chromium Emissions from Hard and Decorative Electroplating and Chromium Anodizing Tanks.](#)

[Performance test requirements and test methods.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441]

(a) Performance test results shall be documented in complete test reports that contain the information required by paragraphs (a)(1) through (a)(9) below. The test plan to be followed shall be made available to the Department prior to the testing, if requested.

- (1) A brief process description;
- (2) Sampling location description(s);
- (3) A description of sampling and analytical procedures and any modifications to standard procedures;
- (4) Test results;
- (5) Quality assurance procedures and results;
- (6) Records of operating conditions during the test, preparation of standards, and calibration procedures;
- (7) Raw data sheets for field sampling and field and laboratory analyses;
- (8) Documentation of calculations; and
- (9) Any other information required by the test method.

(b) The permittee may use the results of the initial performance testing at startup to demonstrate compliance condition (a).

III. MONITORING REQUIREMENTS.

002 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.343]

[Subpart N National Emission Standards for Chromium Emissions from Hard and Decorative Electroplating and Chromium Anodizing Tanks.](#)

[Compliance provisions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441]

(a) The permittee shall monitor the surface tension of the electroplating or anodizing bath according to the following schedule, pursuant to 40 CFR § 63.343(c)(5):

(1) The surface tension shall be measured once every 4 hours during operation of the tank with a stalagmometer or a tensiometer, as specified in Method 306B.

(2) The time between monitoring can be increased if there have been no exceedances. The surface tension shall be measured once every 4 hours of tank operation for the first 40 hours of tank operation after the compliance date. Once there are no exceedances during 40 hours of tank operation, surface tension measurement may be conducted once every 8 hours of tank operation. Once there are no exceedances during 40 hours of tank operation, surface tension measurement may be conducted once every 40 hours of tank operation on an ongoing basis, until an exceedance occurs. The minimum frequency of monitoring allowed is once every 40 hours of tank operation.

(3) Once an exceedance occurs as indicated through surface tension monitoring, the original monitoring schedule of once

SECTION D. Source Level Requirements

every 4 hours must be resumed. A subsequent decrease in frequency shall follow the schedule laid out in (2) above of this condition. For example, if the permittee had been monitoring an affected source once every 40 hours and an exceedance occurs, subsequent monitoring would take place once every 4 hours of tank operation. Once an exceedance does not occur for 40 hours of tank operation, monitoring can occur once every 8 hours of tank operation. Once an exceedance does not occur for 40 hours of tank operation on this schedule, monitoring can occur once every 40 hours of tank operation.

(b) Once a bath solution is drained from the affected tank and a new solution added, the original monitoring schedule of once every 4 hours must be resumed, with a decrease in monitoring frequency allowed following the procedures of (a)(2) and (3) above.

IV. RECORDKEEPING REQUIREMENTS.

003 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.342]
[Subpart N National Emission Standards for Chromium Emissions from Hard and Decorative Electroplating and Chromium Anodizing Tanks.](#)
[Standards.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441]

(a) The permittee shall keep on hand a written form of the operation and maintenance plan for the life of the source or until the source is no longer subjected to the provisions of Subpart N.

(b) The permittee shall keep previous (i.e. superseded) versions of the operation and maintenance plan on record in the event the plan is revised, for a period of five years after each revision to the plan, pursuant to 40 CFR § 63.342(f)(3)(v).

004 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.346]
[Subpart N National Emission Standards for Chromium Emissions from Hard and Decorative Electroplating and Chromium Anodizing Tanks.](#)
[Recordkeeping requirements.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441]

The permittee shall maintain the following records for this source, pursuant to 40 CFR § 63.346(b):

(a) Inspection records for the add-on air pollution control device and monitoring equipment, to document that the inspection and maintenance requirements have taken place. The record can take the form of a checklist and should identify the device inspected, the date of inspection, a brief description of the working condition of the device during the inspection, and any actions taken to correct deficiencies found during the inspection.

(b) Records of all maintenance performed on this source, the add-on air pollution control device, and monitoring equipment;

(c) Records of the occurrence, duration, and cause (if known) of each malfunction of process, add-on air pollution control, and monitoring equipment;

(d) Records of actions taken during periods of malfunction when such actions are inconsistent with the operation and maintenance plan;

(e) Other records, which may take the form of checklists, necessary to demonstrate consistency with the provisions of the operation and maintenance plan requirements;

(f) Test reports documenting results of all performance tests;

(g) All measurements as may be necessary to determine the conditions of performance tests;

(h) The specific identification (i.e., the date and time of commencement and completion) of each period of excess emissions, as indicated by monitoring data, that occurs during malfunction of the process, add-on air pollution control, or monitoring equipment;

(i) The specific identification (i.e., the date and time of commencement and completion) of each period of excess emissions, as indicated by monitoring data, that occurs during periods other than malfunction of the process, add-on air pollution control,

**SECTION D. Source Level Requirements**

or monitoring equipment;

(j) The total process operating time of the affected source during the reporting period;

(k) When the fume suppressant is used to comply with the standards, records of the date and time that fume suppressants are added to the electroplating or anodizing bath;

(l) Date and time of all surface tension measurements (refer to monitoring schedule);

(m) Any information demonstrating when the source is meeting the requirements for a waiver of recordkeeping or reporting requirements, if the source has been granted a waiver; and

(n) All documentation supporting the notifications and reports.

V. REPORTING REQUIREMENTS.

005 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.342]

[Subpart N National Emission Standards for Chromium Emissions from Hard and Decorative Electroplating and Chromium Anodizing Tanks.](#)
[Standards.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441]

If actions taken by the owner or operator during periods of malfunction are inconsistent with the procedures specified in the operation and maintenance plan, the permittee shall record the actions taken for that event and shall report to the Department such actions within two (2) working days after commencing actions inconsistent with the plan. This report shall be followed by a letter within seven (7) working days after the end of the event, unless the permittee makes alternative reporting arrangements, in advance, with the Department, pursuant to 40 CFR § 63.342(f)(3)(iv).

006 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.347]

[Subpart N National Emission Standards for Chromium Emissions from Hard and Decorative Electroplating and Chromium Anodizing Tanks.](#)
[Reporting requirements.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441]

(a) The permittee shall submit reporting requirements to the Department via US Mail, fax, or by another courier, or on approved electronic media, pursuant to 40 CFR § 63.347(a).

(1) US Mail submittals shall be postmarked on or before the specified date.

(2) Submittals sent by other methods shall be received by the Department on or before the specified date.

(b) The permittee shall submit performance test results to the Department no later than 90 days following the completion of the performance test, pursuant to 40 CFR § 63.347(f).

007 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.347]

[Subpart N National Emission Standards for Chromium Emissions from Hard and Decorative Electroplating and Chromium Anodizing Tanks.](#)
[Reporting requirements.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441]

(a) The permittee shall notify the Department in writing of the intention to conduct a performance test at least 60 calendar days before the test is scheduled to begin to allow the Department to have an observer present during the test, pursuant to 40 CFR § 63.347(d)(1).

(b) In the event the owner or operator is unable to conduct the performance test on the date specified in the notification requirement specified in (a) above, due to unforeseeable circumstances beyond his or her control, the permittee shall notify the Department within five (5) days prior to the scheduled performance test date and specify the date when the performance test is rescheduled. This notification of delay in conducting the performance test shall not relieve the owner or operator of legal responsibility for compliance with any other applicable provisions of this part or with any other applicable Federal, State, or

**SECTION D. Source Level Requirements**

local requirement, nor will it prevent the Department from implementing or enforcing this part or taking any other action under the Act, pursuant to 40 CFR § 63.347(d)(2) and 40 CFR § 63.7(b)(2).

008 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.347]

[Subpart N National Emission Standards for Chromium Emissions from Hard and Decorative Electroplating and Chromium Anodizing Tanks.](#)

[Reporting requirements.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441]

The permittee shall prepare a summary report to document the ongoing compliance status of the affected source. The permittee shall complete the summary report annually, except for instances of exceedances, and shall retain the report on site, pursuant to 40 CFR § 63.347(h)(1).

009 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.347]

[Subpart N National Emission Standards for Chromium Emissions from Hard and Decorative Electroplating and Chromium Anodizing Tanks.](#)

[Reporting requirements.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441]

(a) The permittee shall prepare and submit to the Department semiannual reports of exceedances if the following is met:

(1) the duration of excess emissions (as indicated in the monitoring data) is one (1) percent or greater of the total operating time for that reporting period, and

(2) the total duration of malfunctions of the add-on air pollution control device and monitoring equipment is five (5) percent or greater of the total operating time.

(b) The permittee shall submit ongoing compliance status reports semiannually to the Department until a request to reduce reporting frequency is approved, if (a)(1) and (2) above occur, pursuant to 40 CFR § 63.347(h)(2).

010 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.347]

[Subpart N National Emission Standards for Chromium Emissions from Hard and Decorative Electroplating and Chromium Anodizing Tanks.](#)

[Reporting requirements.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441]

(a) As soon as the monitoring data show that this source is not in compliance with the relevant emission limit, the frequency of reporting shall revert to semiannual, and the permittee shall state this exceedance in the ongoing compliance status report for the next reporting period.

(b) After demonstrating ongoing compliance with the relevant emission limit for another full year, the permittee may again request approval from the Department to reduce the reporting frequency.

011 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.347]

[Subpart N National Emission Standards for Chromium Emissions from Hard and Decorative Electroplating and Chromium Anodizing Tanks.](#)

[Reporting requirements.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441]

The permittee shall prepare a summary report to document the ongoing compliance status of the source, pursuant to 40 CFR § 63.347(h)(1). The report shall contain the following, pursuant to 40 CFR § 63.347(g)(3):

(a) The company name and address of the affected source;

(b) An identification of the operating parameter that is monitored for compliance determination;

(c) The relevant emission limitation for the affected source, and the operating parameter value, or range of values, that correspond to compliance with this emission limitation;

SECTION D. Source Level Requirements

- (d) The beginning and end dates of the reporting period;
- (e) A description of the type of process performed;
- (f) The total operating time of the source during the reporting period;
- (g) A summary of operating parameter values, including the duration of excess emissions during the reporting period as indicated by those values, the total duration of excess emissions expressed as percent of the total source operating time during that reporting period, and a breakdown of the total duration of excess emissions during the reporting period into those that are due to process upsets, control equipment malfunctions, other known causes, and unknown causes;
- (h) A certification by a responsible official that the work practice standards for this source were followed in accordance with the operation and maintenance plan for the source;
- (i) If the operation and maintenance plan was not followed, an explanation of the reasons for not following the provisions, an assessment of whether any excess emissions and /or parameter monitoring exceedences are believed to have occurred, and a copy of the report(s) documenting that the operation and maintenance plan was not followed;
- (j) A description of any changes in monitoring, processes, or controls since the last reporting period;
- (k) The name, title, and signature of the responsible official who is certifying the accuracy of the report; and
- (l) The date of the report.

VI. WORK PRACTICE REQUIREMENTS.

012 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.342]
[Subpart N National Emission Standards for Chromium Emissions from Hard and Decorative Electroplating and Chromium Anodizing Tanks.](#)
[Standards.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441]

The permittee shall comply with the following work practice standards, which address operation and maintenance practices at this source, pursuant to 40 CFR § 63.342(f)(1):

- (a) At all times, including periods of startup, shutdown, and malfunction, owners or operators shall operate and maintain this source, including associated air pollution control devices and monitoring equipment, in a manner consistent with good air pollution control practices, and consistent with the operation and maintenance plan,
- (b) Malfunctions shall be corrected as soon as practicable after their occurrence in accordance with the operation and maintenance plan,
- (c) Operation and maintenance requirements established pursuant to section 112 of the Act are enforceable independent of emissions limitations or other requirements in relevant standards.

013 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.342]
[Subpart N National Emission Standards for Chromium Emissions from Hard and Decorative Electroplating and Chromium Anodizing Tanks.](#)
[Standards.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441]

- (a) Determination of whether acceptable operation and maintenance procedures are being used will be based on information available to the Department, which may include, but is not limited to, monitoring results; review of the operation and maintenance plan, procedures, and records; and inspection of the source.
- (b) Based on the results of a determination made under paragraph (a) above, the Department may require that an owner or operator of an affected source make changes to the operation and maintenance plan for this source. Revisions may be required if the Department finds that the plan:

SECTION D. Source Level Requirements

(1) Does not address a malfunction that has occurred;

(2) Fails to provide for the operation of the affected source, the air pollution control techniques, or the control system and process monitoring equipment during a malfunction in a manner consistent with good air pollution control practices; or

(3) Does not provide adequate procedures for correcting malfunctioning process equipment, air pollution control techniques, or monitoring equipment as quickly as practicable.

014 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.342]

[Subpart N National Emission Standards for Chromium Emissions from Hard and Decorative Electroplating and Chromium Anodizing Tanks.](#)
[Standards.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441]

The permittee shall control chromium emissions discharged to the atmosphere from this source by not allowing the surface tension of the electroplating or anodizing bath contained within the affected source to exceed 45 dynes per centimeter (dynes/cm) at any time during operation of the tank, pursuant to 40 CFR § 63.342(d)(2).

VII. ADDITIONAL REQUIREMENTS.

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



SECTION E. Alternative Operation Requirements.

No Alternative Operations exist for this State Only facility.



SECTION F. Emission Restriction Summary.

Dep Id	Source Description						
031	BOILER #1						
<table><tr><th>Emission Limit</th><th>Pollutant</th></tr><tr><td>0.400 Lbs / MMBTU</td><td>PM10</td></tr></table>		Emission Limit	Pollutant	0.400 Lbs / MMBTU	PM10		
Emission Limit	Pollutant						
0.400 Lbs / MMBTU	PM10						
032	BOILER #2						
<table><tr><th>Emission Limit</th><th>Pollutant</th></tr><tr><td>0.400 Lbs / MMBTU</td><td>PM10</td></tr></table>		Emission Limit	Pollutant	0.400 Lbs / MMBTU	PM10		
Emission Limit	Pollutant						
0.400 Lbs / MMBTU	PM10						
033	BOILER #3						
<table><tr><th>Emission Limit</th><th>Pollutant</th></tr><tr><td>0.400 Lbs / MMBTU</td><td>PM10</td></tr></table>		Emission Limit	Pollutant	0.400 Lbs / MMBTU	PM10		
Emission Limit	Pollutant						
0.400 Lbs / MMBTU	PM10						
034	BOILER #4						
<table><tr><th>Emission Limit</th><th>Pollutant</th></tr><tr><td>0.400 Lbs / MMBTU</td><td>PM10</td></tr></table>		Emission Limit	Pollutant	0.400 Lbs / MMBTU	PM10		
Emission Limit	Pollutant						
0.400 Lbs / MMBTU	PM10						
103	POWDER COATING OPERATIONS						
<table><tr><th>Emission Limit</th><th>Pollutant</th></tr><tr><td>0.040 gr / DRY FT3</td><td>PM10</td></tr></table>		Emission Limit	Pollutant	0.040 gr / DRY FT3	PM10		
Emission Limit	Pollutant						
0.040 gr / DRY FT3	PM10						
107	BRANSON DEGREASER						
<table><tr><th>Emission Limit</th><th>Pollutant</th></tr><tr><td>0.700 Lbs / Hr</td><td>VOC</td></tr><tr><td>3.100 Tons / Yr</td><td>VOC</td></tr></table>		Emission Limit	Pollutant	0.700 Lbs / Hr	VOC	3.100 Tons / Yr	VOC
Emission Limit	Pollutant						
0.700 Lbs / Hr	VOC						
3.100 Tons / Yr	VOC						

Site Emission Restriction Summary

Emission Limit	Pollutant
38.900 Tons / Yr	SOX
23.400 Tons / Yr	NOX

**SECTION G. Miscellaneous.**

(a) Certain terms and conditions contained in this State Only Operating Permit have been derived from the following previously issued Operating Permits:

- (1) OP-09-0057 Vapor Degreaser
- (2) 09-302-022 Boilers (3)

(b) The Department has determined that the emissions from the following activities, excluding those indicated as site level requirements, in Section C, of this permit, do not require additional limitations, monitoring, or recordkeeping:

- (1) Silkscreen Printing (Source 105) - Dial Department - vented indoors and UV cured.
- (2) Clean Up Operations (Source 106) - less than 1.0 tons per year of actual VOC emissions.
- (3) Electric Annealing Ovens.
- (4) Grinding Operations - internal collection system which exhausts indoors through a filtration system. This source consists of three grinding machines: two hand lathes and one automatic machine.



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