



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
AIR QUALITY PROGRAM

STATE ONLY OPERATING PERMIT

Issue Date: February 27, 2012

Effective Date: March 11, 2012

Expiration Date: March 10, 2017

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: 09-00212](#)

Federal Tax Id - Plant Code: 36-2425517-1

Owner Information

Name: ALLIED TUBE & CONDUIT CORP  
Mailing Address: 600 DEAN SIEVERS PL  
MORRISVILLE, PA 19067-3706

Plant Information

Plant: ALLIED TUBE & CONDUIT CORP/FALLS TWP  
Location: 09 Bucks County 09002 Falls Township  
SIC Code: 3312 Manufacturing - Blast Furnaces And Steel Mills

Responsible Official

Name: LESLIE W SHEARER  
Title: PLANT MGR  
Phone: (215) 295 - 8813

Permit Contact Person

Name: KENNETH SPELLMAN  
Title: TECH MANAGER  
Phone: (317) 401 - 1931

[Signature] \_\_\_\_\_  
JAMES D. REBARCHAK, SOUTHEAST REGION AIR PROGRAM MANAGER

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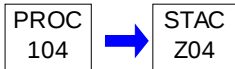
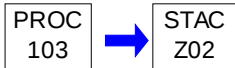
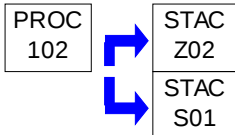
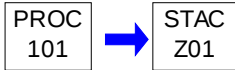
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| Source ID | Source Name                                    | Capacity/Throughput | Fuel/Material |
|-----------|------------------------------------------------|---------------------|---------------|
| 101       | A53 LINE PAINTING                              | N/A                 | COATING       |
| 102       | TUBE MILL COOLING & A53 LINE HYDRAULIC TESTING | N/A                 | COOLANT       |
| 103       | TUBE MILL PROCESS                              | N/A                 | WELDING ROD   |
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| S01       | TUBE MILL STACK                                |                     |               |
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**PERMIT MAPS**

## SECTION B. General State Only Requirements

### #001 [25 Pa. Code § 121.1]

#### Definitions.

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

### #002 [25 Pa. Code § 127.446]

#### Operating Permit Duration.

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

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

#### Permit Renewal.

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

### #004 [25 Pa. Code § 127.703]

#### Operating Permit Fees under Subchapter I.

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

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

## SECTION B. General State Only Requirements

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

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

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

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

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

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

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

#### Transfer of Operating Permits.

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

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

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

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

#### Inspection and Entry.

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

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

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

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

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

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

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

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

#### Compliance Requirements.

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

## SECTION B. General State Only Requirements

a violation of the Clean Air Act and the Air Pollution Control Act and is grounds for one or more of the following:

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

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

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

### #008 [25 Pa. Code § 127.441]

#### Need to Halt or Reduce Activity Not a Defense.

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

### #009 [25 Pa. Code §§ 127.442(a) & 127.461]

#### Duty to Provide Information.

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

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

### #010 [25 Pa. Code § 127.461]

#### Revising an Operating Permit for Cause.

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

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

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

#### Operating Permit Modifications

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

## SECTION B. General State Only Requirements

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

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

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

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

### #012 [25 Pa. Code § 127.441]

#### Severability Clause.

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

### #013 [25 Pa. Code § 127.449]

#### De Minimis Emission Increases.

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

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

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

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

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

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

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

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

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

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

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

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

## SECTION B. General State Only Requirements

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

### #014 [25 Pa. Code § 127.3]

#### Operational Flexibility.

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

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

## SECTION B. General State Only Requirements

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

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

### #015 [25 Pa. Code § 127.11]

#### Reactivation

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

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

### #016 [25 Pa. Code § 127.36]

#### Health Risk-based Emission Standards and Operating Practice Requirements.

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

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

### #017 [25 Pa. Code § 121.9]

#### Circumvention.

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

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

#### Reporting Requirements.

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

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

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

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

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

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

## SECTION B. General State Only Requirements

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

### #019 [25 Pa. Code §§ 127.441(c) & 135.5]

#### Sampling, Testing and Monitoring Procedures.

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

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

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

#### Recordkeeping.

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

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

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

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

### #021 [25 Pa. Code § 127.441(a)]

#### Property Rights.

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

### #022 [25 Pa. Code § 127.447]

#### Alternative Operating Scenarios.

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

## SECTION C. Site Level Requirements

### I. RESTRICTIONS.

#### Emission Restriction(s).

##### # 001 [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).

##### # 002 [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) open burning operations;
- (g) blasting in open pit mines. Emissions from drilling are not considered as emissions from blasting;
- (h) coke oven batteries, provided the fugitive air contaminants emitted from any coke oven battery comply with the standards for visible fugitive emissions in 25 Pa. Code §§ 123.44 and 129.15 (relating to limitations of visible fugitive air contaminants from operation of any coke oven battery; and coke pushing operations); and
- (i) sources and classes of sources other than those identified in (a)-(h), above, for which the permittee has obtained a determination from the Department that fugitive emissions from the source, after appropriate control, meet the following requirements:
  - (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.

##### # 003 [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 Condition #002(a) -- (i) (relating to prohibition of certain fugitive emissions) if such emissions are visible at the point the emissions pass outside the person's property.

##### # 004 [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.

##### # 005 [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; or
- (b) equal to or greater than 60% at any time.

##### # 006 [25 Pa. Code §123.42]

##### Exceptions

The limitations of Condition #005, of this Section, shall not apply to a visible emission in either of the following instances:

- (a) when the presence of uncombined water is the only reason for failure to meet the limitations; or
- (b) when the emission results from the sources specified in Condition #002(a) -- (i), of this Section.

## SECTION C. Site Level Requirements

### # 007 [25 Pa. Code §129.14]

#### Open burning operations

The permittee may not 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) any fire set for the purpose of instructing personnel in fire fighting, when approved by the Department;
- (c) a fire set solely for cooking food;
- (d) a fire set solely for recreational or ceremonial purposes; or
- (e) a fire set for the prevention and control of disease or pests, when approved by the Department.

## II. TESTING REQUIREMENTS.

### # 008 [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 testing is required.

## III. MONITORING REQUIREMENTS.

### # 009 [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; or
- (b) observers, trained and qualified to measure plume opacity with the naked eye or with the aid of any devices approved by the Department.

### # 010 [25 Pa. Code §127.441]

#### Operating permit terms and conditions.

- (a) The permittee shall monitor the facility, once per operating day, for the following:
  - (1) Odors which may 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) After six (6) months of daily monitoring, and 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

## SECTION C. Site Level Requirements

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, complaints, monitoring results, and/or Department findings.

### IV. RECORDKEEPING REQUIREMENTS.

#### # 011 [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; and
- (c) the corrective action taken, if necessary, to abate the situation and prevent future occurrences.

#### # 012 [25 Pa. Code §127.441]

##### Operating permit terms and conditions.

The permittee shall maintain records of all the facility's increases of emissions from the following categories:

- (a) de minimus increases without notification to the Department;
- (b) de minimus increases with notification to the Department, via letter; and
- (c) increases resulting from a Request for Determination (RFD) to the Department.

### V. REPORTING REQUIREMENTS.

#### # 013 [25 Pa. Code §127.441]

##### Operating permit terms and conditions.

(a) The permittee shall, within two (2) hours of discovery of any occurrence, notify the Department, at (484) 250-5920, 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 of a regulation 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 the following:

- (1) the malfunction(s);
- (2) the emission(s);
- (3) the duration; and
- (4) any corrective action taken.

#### # 014 [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 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).

## SECTION C. Site Level Requirements

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

### # 015 [25 Pa. Code §135.3]

#### Reporting

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

The permittee, who has been previously advised by the Department to submit a source report, shall submit by March 1, of each year, a source report for the preceding calendar year. The report shall include information from all previously reported sources, new sources which were first operated during the preceding calendar year, and sources modified during the same period which were not previously reported, including those sources listed in the Miscellaneous Section of this permit.

The permittee 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.

## VI. WORK PRACTICE REQUIREMENTS.

### # 016 [25 Pa. Code §123.1]

#### Prohibition of certain fugitive emissions

A person responsible for any source specified in Condition #002(a) - (i), above, 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 suitable 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, water, or other suitable chemicals, on dirt roads, material stockpiles and other surfaces which

## SECTION C. Site Level Requirements

may give rise to airborne dusts;  
(c) paving and maintenance of roadways; and  
(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 by other means.

### # 017 [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.

### # 018 [25 Pa. Code §127.441]

#### Operating permit terms and conditions.

The permittee shall ensure that the source(s) and air pollution control device(s), listed in this permit, are operated and maintained in a manner consistent with good operating and maintenance practices, and in accordance with manufacturer's specifications.

### # 019 [25 Pa. Code §127.441]

#### Operating permit terms and conditions.

The permittee may not modify any air contaminant system identified in Sections A, of this permit, prior to obtaining Department approval. The sources listed in Section A shall be installed, operated and maintained in accordance with the plans submitted with the application and as approved herein.

### # 020 [25 Pa. Code §127.441]

#### Operating permit terms and conditions.

The permittee shall comply with the following work practice standards:

- (a) all VOC-containing materials shall be stored in closed, nonabsorbent, non-leaking containers when not being mixed or transferred to another container;
- (b) cloth and paper, or other absorbent applicators, moistened with coatings, solvents or cleaning solvents, shall be stored in closed, nonabsorbent, non-leaking containers; and
- (c) all spills shall be cleaned up as soon as possible.

### # 021 [25 Pa. Code §127.441]

#### Operating permit terms and conditions.

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

## VII. ADDITIONAL REQUIREMENTS.

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

## VIII. COMPLIANCE CERTIFICATION.

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

## IX. COMPLIANCE SCHEDULE.



## SECTION C. Site Level Requirements

No compliance milestones exist.

## SECTION D. Source Level Requirements

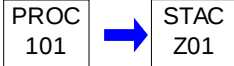
Source ID: 101

Source Name: A53 LINE PAINTING

Source Capacity/Throughput:

N/A

COATING



### I. RESTRICTIONS.

#### Emission Restriction(s).

# 001 [25 Pa. Code §127.441]

##### Operating permit terms and conditions.

The permittee shall comply with the following Ammonia (NH<sub>3</sub>) content of each as supplied coating:

Ammonia content ---- equal to or less than 5% of coating weight.

# 002 [25 Pa. Code §127.441]

##### Operating permit terms and conditions.

(a) Total ammonia emissions from the painting activities shall not exceed 8.3 tons per year, on a 12-month rolling sum basis.

(b) Total Volatile Organic Compound (VOC) emissions from the painting activities shall not exceed 3 lbs/hr, 15 lbs/day, and 2.7 tons/yr during any calendar year.

#### Throughput Restriction(s).

# 003 [25 Pa. Code §127.441]

##### Operating permit terms and conditions.

The permittee shall not exceed the coating usage of 40,000 gallons per year, on a 12-month rolling sum basis.

### II. TESTING REQUIREMENTS.

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

### III. MONITORING REQUIREMENTS.

# 004 [25 Pa. Code §127.441]

##### Operating permit terms and conditions.

(a) The permittee shall monitor the following parameters daily, when in operation:

- (1) usage of each coating used, in gallons.
- (2) hours of operation.
- (3) name and identification number of each coating used.

(b) The permittee shall calculate ammonia and VOC emissions using the ammonia and VOC content either from:

- (1) CPDS, or
- (2) the upper bound on the MSDS.

## SECTION D. Source Level Requirements

### IV. RECORDKEEPING REQUIREMENTS.

#### # 005 [25 Pa. Code §127.441]

##### Operating permit terms and conditions.

The permittee shall keep records of the following parameters for each coating as supplied:

- (1) name and identification number.
- (2) the density of specific gravity.
- (3) ammonia content, wt%.
- (4) VOC content, wt% or lbs/gallon of coating.
- (5) CPDS and/or MSDS.

#### # 006 [25 Pa. Code §127.441]

##### Operating permit terms and conditions.

(a) The permittee shall keep records of the following parameters daily, when in operation:

- (1) usage of each coating used, in gallons.
- (2) hours of operation.
- (3) name and identification number of each coating used.

(b) The permittee shall calculate and keep records of the coating usage, on a monthly and 12-month rolling sum basis.

(c) The permittee shall keep records of the ammonia and VOC emissions, calculated monthly, to demonstrate compliance with Condition #002 of this source.

### V. REPORTING REQUIREMENTS.

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

### VI. WORK PRACTICE REQUIREMENTS.

#### # 007 [25 Pa. Code §127.441]

##### Operating permit terms and conditions.

(a) The permittee shall perform spray painting exclusively in the spray chamber using airless spray-nozzles.

(b) The permittee shall inspect the three-stage cartridge filter device inside the spray chamber, once per operating day. Filters shall be replaced immediately when gaps and holes are found.

(c) Spare filters shall be kept on hand for replacement.

### VII. ADDITIONAL REQUIREMENTS.

#### # 008 [25 Pa. Code §127.441]

##### Operating permit terms and conditions.

(a) Quakercoat®111 Black, or an equivalent coating, shall be used for this painting application. The coating used shall not contain any HAP compounds.

(b) The clean-up solvents for this source shall not contain any ammonia, VOC, and HAP compounds.

(c) The exhaust from painting activities is drawn by a Dayton fan (Model 7C648, 0.75 HP) and vented to a three-stage cartridge filter device (the spray chamber). The first filter is a washable cloth filter, followed by 120 micro fiberglass and a HEPA filter.

## SECTION D. Source Level Requirements

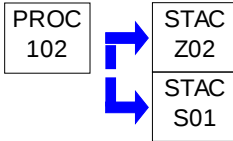
Source ID: 102

Source Name: TUBE MILL COOLING &amp; A53 LINE HYDRAULIC TESTING

Source Capacity/Throughput:

N/A

COOLANT



### I. RESTRICTIONS.

#### Emission Restriction(s).

# 001 [25 Pa. Code §127.441]

##### Operating permit terms and conditions.

Total Volatile Organic Compound (VOC) emissions from the operation of this source shall not exceed 5.8 tons per year, on a 12-month rolling sum basis.

#### Throughput Restriction(s).

# 002 [25 Pa. Code §127.441]

##### Operating permit terms and conditions.

The permittee shall not exceed the coolant usage of 34,000 gallons per year, on a 12-month rolling sum basis.

### II. TESTING REQUIREMENTS.

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

### III. MONITORING REQUIREMENTS.

# 003 [25 Pa. Code §127.441]

##### Operating permit terms and conditions.

- The permittee shall monitor coolant usage, when coolant is added to the applied coolant solution sump.
- The permittee shall calculate the VOC emissions monthly, based on the coolant usage and VOC content.

### IV. RECORDKEEPING REQUIREMENTS.

# 004 [25 Pa. Code §127.441]

##### Operating permit terms and conditions.

(a) The permittee shall keep the following records:

- coolant usage (in gallons) when coolant is added to the applied coolant solution sump and on a 12-month rolling sum basis.
- MSDS, CPDS, or EPA Method 24 testing results of coolant.

(b) The permittee shall calculate and keep a record of the VOC emissions on a monthly basis to demonstrate compliance with Condition #001 of this source, using either the VOC content from:

- EPA Method 24 testing,
- CPDS, or
- MSDS.

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

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

**VI. WORK PRACTICE REQUIREMENTS.**

**# 005 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

The permittee shall ensure that this source is operated and maintained in a manner consistent with good operating and maintenance practices, and in accordance with manufacturer's specifications.

**VII. ADDITIONAL REQUIREMENTS.**

**# 006 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

The applied coolant solution is a mixture of approximately 5% Quakercool®2873 (or an equivalent coolant) and 95% water. Quakercool®2873, or an equivalent coolant, shall not contain any HAP compounds.

**SECTION D. Source Level Requirements**

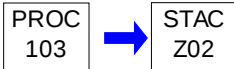
Source ID: 103

Source Name: TUBE MILL PROCESS

Source Capacity/Throughput:

N/A

WELDING ROD

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

# 001 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall not exceed welding rod usage of 1,800 pounds per year, on a 12-month rolling sum basis.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

# 002 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall monitor the welding rod usage, monthly.

**IV. RECORDKEEPING REQUIREMENTS.**

# 003 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11519]

**Subpart XXXXXX - National Emission Standards for Hazardous Air Pollutants Area Source Standards for Nine Metal Fabrication and Finishing Source Categories****What are my notification, recordkeeping, and reporting requirements?**

(a) The permittee shall keep records of welding rod usage on a monthly and 12-month rolling sum basis, to demonstrate compliance with Condition #001 of this source.

(b) The permittee shall keep the following records for the welding operation:

(1) Material Safety Data Sheets (MSDS) of the welding rod(s).

(2) Manufacturer's instructions for welding equipment and any air pollution capture/control device(s).

(3) Annual certification and compliance reports to comply with Subpart XXXXXX.

(4) Each notification and report submitted to comply with Subpart XXXXXX, and the documentation supporting each notification and report.

(5) Records of the applicability determination of Subpart XXXXXX.

(c) The records must be in a form suitable and readily available for expeditious review. The permittee shall keep each record for five years follow the date of each record, on-site for at least two years after the date of record.

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

The permittee shall submit copies of all requests, reports, notifications, submittals, and other communications to both EPA and the Regional Office of the Department. Copies of all the documents shall be submitted to:

Office of Air Enforcement and Compliance Assistance (3AP20)  
Air Protection Division  
U.S. EPA, Region III  
1650 Arch Street  
Philadelphia, PA 19103-2029

and

Regional Air Program Manager  
Southeast Regional Office  
PA Department of Environmental Protection  
2 East Main Street  
Norristown, PA 19401-4915

[Compliance with this condition assures compliance with 40 CFR §63.13(a) and (b).]

**# 005 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11519]****Subpart XXXXXX - National Emission Standards for Hazardous Air Pollutants Area Source Standards for Nine Metal Fabrication and Finishing Source Categories****What are my notification, recordkeeping, and reporting requirements?**

The permittee shall submit annual certification and compliance report for Butt Welding and Machining operation according to the requirements of 40 CFR §63.11519(b)(2) through (4).

(a) The first annual certification and compliance report shall cover the first annual reporting period, which begins the day after the compliance date and ends on December 31. Each subsequent annual certification and compliance report shall cover the subsequent reporting period from January 1 through December 31. Each annual certification and compliance report shall be prepared and submitted no later than January 31. If an exceedance has occurred during the year, each annual certification and compliance report must be submitted along with the exceedance reports, and post marked or delivered no later than January 31.

(b) The annual certification and compliance report shall, at a minimum, contain the following information in relation to the Butt Welding and Machining processes:

- (1) Company name and address;
- (2) Statement by a responsible official with that official's name, title, and signature;
- (3) Date of report and beginning and ending dates of the reporting period;
- (4) The date and results of any excessive fugitive emissions, and a description of the corrective action(s) taken; and
- (5) The date and results of the follow-up visual determination of fugitive emissions after the corrective actions.

**VI. WORK PRACTICE REQUIREMENTS.****# 006 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11516]****Subpart XXXXXX - National Emission Standards for Hazardous Air Pollutants Area Source Standards for Nine Metal Fabrication and Finishing Source Categories****What are my standards and management practices?**

The permittee shall :

(a) take measures necessary to minimize excess dust in the surrounding area to reduce metal fabrication or finishing metal HAP (MFHAP) emissions,

## SECTION D. Source Level Requirements

- (b) operate all welding equipment associated with the Butt Welding operation according to manufacturer's instructions,
- (c) Implement one or more of the following management practices for Butt Welding operation:
  - (1) Use welding processes with reduced fume generation capabilities;
  - (2) Use welding process variations, which can reduce fume generation rates;
  - (3) Use welding filler metals, shielding gases, carrier gases, or other process materials which are capable of reduced welding fume generation;
  - (4) Optimize welding process variables to reduce the amount of welding fume generation; and
  - (5) Use a welding fume capture and control system, operated according to the manufacturer's specifications.

## VII. ADDITIONAL REQUIREMENTS.

**# 007 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11514]**  
**Subpart XXXXXX - National Emission Standards for Hazardous Air Pollutants Area Source Standards for Nine Metal Fabrication and Finishing Source Categories**  
**Am I subject to this subpart?**

Source ID 103, Tube Mill Process, consists of the following processes:

- (a) Butt Welding -- an existing affected source which is subject to 40 CFR Part 63 Subpart XXXXXX.
- (b) Machining [other Tube Mill activities, excluding Butt Welding] -- an existing area source which is subject to 40 CFR Part 63 Subpart XXXXXX. These activities include, but not be limited to, the following:
  - slitting, edging, and cutting steel stock
  - shearing excess metal during high frequency welding of steel stock

**SECTION D. Source Level Requirements**

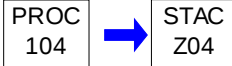
Source ID: 104

Source Name: PARTS WASHERS(2 UNITS)

Source Capacity/Throughput:

N/A

SOLVENT

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

# 001 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

Total VOC emissions from this source shall not exceed 2.7 tons per year during any calendar year.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

# 002 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

For this source, the permittee shall monitor the following on a monthly and 12-month rolling basis:

- (a) The amount of solvent added.
- (b) The amount of solvent removed.
- (c) The VOC and HAP emissions, calculated using a Department-approved method.

**IV. RECORDKEEPING REQUIREMENTS.**

# 003 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

For this source, the permittee shall maintain records of the following on a monthly and 12-month rolling basis:

- (a) The amount of solvent added.
- (b) The amount of solvent removed.
- (c) The VOC and HAP emissions, calculated using a Department-approved method.

# 004 [25 Pa. Code §129.63]

**Degreasing operations**

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

- (1) The name and address of the solvent supplier.
- (2) The type of solvent including the product or vendor identification number.
- (3) The vapor pressure of the solvent measured in mm Hg at 20°C.

(b) The permittee shall maintain the records required by (a), above, for at least 2 years and shall make them available to the Department upon request. An invoice, bill of sale, certificate that corresponds to the number of sales, CPDS, MSDS, or other

## SECTION D. Source Level Requirements

appropriate documentation acceptable to the Department may be used to comply with (a), above.

### V. REPORTING REQUIREMENTS.

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

### VI. WORK PRACTICE REQUIREMENTS.

#### # 005 [25 Pa. Code §129.63]

##### Degreasing operations

The permittee shall ensure that the solvent used in the parts washers has a vapor pressure of less than 1.0 mm Hg or contains less than 5% VOC, by weight, measured at 20°C.

#### # 006 [25 Pa. Code §129.63]

##### Degreasing operations

The permittee shall ensure that each parts washer is equipped with a cover that remains closed at all times except during cleaning of parts or the addition or removal of solvent. A perforated drain with a diameter of not more than 6 inches shall constitute an acceptable cover.

#### # 007 [25 Pa. Code §129.63]

##### Degreasing operations

The permittee shall ensure that the parts washers are operated in accordance with the following procedures:

- (a) Waste solvent shall be collected and stored in closed containers. The closed containers may contain a device that allows pressure relief, but does not allow liquid solvent to drain from the container.
- (b) Flushing of parts using a flexible hose or other flushing device shall be performed only within the parts washers. The solvent spray shall be a solid fluid stream, not an atomized or shower spray.
- (c) Sponges, fabric, wood, leather, paper products, and other absorbent materials may not be cleaned in the parts washers.
- (d) Air-agitated solvent baths may not be used.
- (e) Spills during solvent transfer and use of the parts washers shall be cleaned up immediately.

#### # 008 [25 Pa. Code §129.63]

##### Degreasing operations

The permittee shall ensure that the parts washer units have a permanent, conspicuous label summarizing the operating requirements indicated in Condition # 007, Section D (under Source ID 104), of this permit. In addition, the label shall include the following good operating practices:

- (a) Cleaned parts should be drained at least 15 seconds or until dripping ceases, whichever is longer. Parts having cavities or blind holes shall be tipped or rotated while draining. During the draining, tipping, or rotating, the parts should be positioned so that solvent drains directly back to the parts washers.
- (b) When a pump-agitated solvent bath is used, the agitator should be operated to produce a rolling motion of the solvent with no observable splashing of the solvent against the tank walls or the parts being cleaned.
- (c) Work area fans should be located and positioned so that they do not blow across the openings of the parts washers.

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

Safety-Kleen Premium Solvent, virgin and recycled, is used as the parts washer cleaning solution.



## SECTION E. Alternative Operation Requirements.

No Alternative Operations exist for this State Only facility.

## SECTION F. Emission Restriction Summary.

| Source Id      | Source Description                             |                        |         |
|----------------|------------------------------------------------|------------------------|---------|
| 101            | A53 LINE PAINTING                              |                        |         |
| Emission Limit |                                                | Pollutant              |         |
| 8.300          | Tons/Yr                                        | 12-month rolling sum   | Ammonia |
| 2.700          | Tons/Yr                                        | during a calendar year | VOC     |
| 3.000          | Lbs/Hr                                         |                        | VOC     |
| 15.000         | Lbs/Day                                        |                        | VOC     |
| 102            | TUBE MILL COOLING & A53 LINE HYDRAULIC TESTING |                        |         |
| Emission Limit |                                                | Pollutant              |         |
| 5.800          | Tons/Yr                                        | 12-month rolling sum   | VOC     |
| 104            | PARTS WASHERS(2 UNITS)                         |                        |         |
| Emission Limit |                                                | Pollutant              |         |
| 2.700          | Tons/Yr                                        | during a calendar year | VOC     |

### Site Emission Restriction Summary

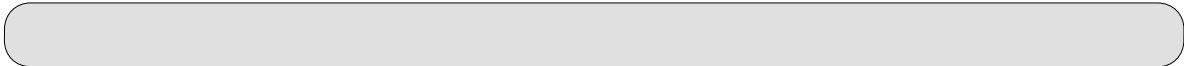
| Emission Limit | Pollutant |
|----------------|-----------|
|----------------|-----------|



## SECTION G. Miscellaneous.

ASP ID: 758833; AUTH ID: 893364; Date: November 2011:

- Plan Approval No. 09-0212 is incorporated into this Operating Permit.



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

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