



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

**TITLE V/STATE OPERATING PERMIT**

Issue Date: February 15, 2023

Effective Date: February 15, 2023

Expiration Date: February 14, 2028

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

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

**TITLE V Permit No: 41-00013**

Federal Tax Id - Plant Code: 87-1467330-1

**Owner Information**

Name: CHANCE GROUP LLC  
Mailing Address: 2475 TRENTON AVE  
WILLIAMSPORT, PA 17701-7904

**Plant Information**

Plant: CHANCE ALUM CORP/WILLIAMSPORT PLT  
Location: 41 Lycoming County 41001 Williamsport City  
SIC Code: 3353 Manufacturing - Aluminum Sheet, Plate, And Foil

**Responsible Official**

Name: LESLIE MAYES  
Title: PLT MGR  
Phone: (570) 393 - 7800 Ext.301 Email: Leslie.Mayes@ChanceAluminum.com

**Permit Contact Person**

Name: LESLIE MAYES  
Title: PLT MGR  
Phone: (570) 393 - 7800 Ext.301 Email: Leslie.Mayes@ChanceAluminum.com

[Signature] \_\_\_\_\_

MUHAMMAD Q. ZAMAN, ENVIRONMENTAL PROGRAM MANAGER, NORTHCENTRAL REGION



## SECTION A. Table of Contents

### Section A. Facility/Source Identification

Table of Contents  
Site Inventory List

### Section B. General Title V Requirements

- #001 Definitions
- #002 Prohibition of Air Pollution
- #003 Property Rights
- #004 Permit Expiration
- #005 Permit Renewal
- #006 Transfer of Ownership or Operational Control
- #007 Inspection and Entry
- #008 Compliance Requirements
- #009 Need to Halt or Reduce Activity Not a Defense
- #010 Duty to Provide Information
- #011 Reopening and Revising the Title V Permit for Cause
- #012 Reopening a Title V Permit for Cause by EPA
- #013 Operating Permit Application Review by the EPA
- #014 Significant Operating Permit Modifications
- #015 Minor Operating Permit Modifications
- #016 Administrative Operating Permit Amendments
- #017 Severability Clause
- #018 Fee Payment
- #019 Authorization for De Minimis Emission Increases
- #020 Reactivation of Sources
- #021 Circumvention
- #022 Submissions
- #023 Sampling, Testing and Monitoring Procedures
- #024 Compliance Certification
- #025 Recordkeeping Requirements
- #026 Reporting Requirements
- #027 Operational Flexibility
- #028 Risk Management
- #029 Approved Economic Incentives and Emission Trading Programs
- #030 Permit Shield
- #031 Reporting
- #032 Report Format

### Section C. Site Level Title V Requirements

- C-I: Restrictions
- C-II: Testing Requirements
- C-III: Monitoring Requirements
- C-IV: Recordkeeping Requirements
- C-V: Reporting Requirements
- C-VI: Work Practice Standards
- C-VII: Additional Requirements
- C-VIII: Compliance Certification
- C-IX: Compliance Schedule

### Section D. Source Level Title V Requirements

- D-I: Restrictions
- D-II: Testing Requirements
- D-III: Monitoring Requirements
- D-IV: Recordkeeping Requirements
- D-V: Reporting Requirements



## SECTION A. Table of Contents

D-VI: Work Practice Standards  
D-VII: Additional Requirements

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

### Section E. Source Group Restrictions

E-I: Restrictions  
E-II: Testing Requirements  
E-III: Monitoring Requirements  
E-IV: Recordkeeping Requirements  
E-V: Reporting Requirements  
E-VI: Work Practice Standards  
E-VII: Additional Requirements

### Section F. Alternative Operating Scenario(s)

F-I: Restrictions  
F-II: Testing Requirements  
F-III: Monitoring Requirements  
F-IV: Recordkeeping Requirements  
F-V: Reporting Requirements  
F-VI: Work Practice Standards  
F-VII: Additional Requirements

### Section G. Emission Restriction Summary

### Section H. Miscellaneous

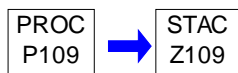
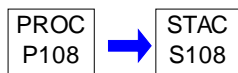
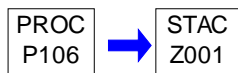
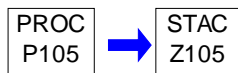
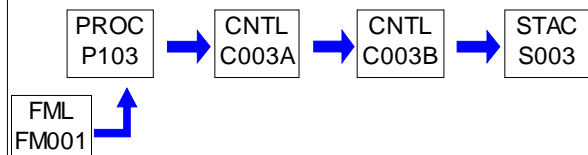
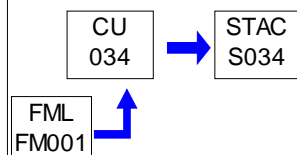
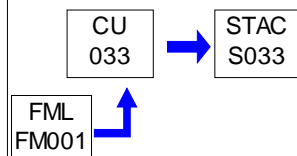
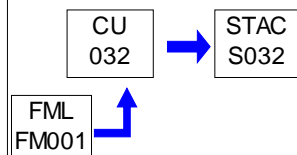
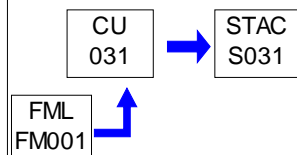
**SECTION A. Site Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
031	SMALL RACT BOILERS & HEATERS		
032	LARGE RACT HEATERS		
033	SMALL HEATER		
034	LARGE HEATER & BOILER		
P101	COLD ROLL MILL 1		
P102	COLD ROLL MILL 2		
P103	COLD ROLL MILL 3		
P104	COLD ROLL MILL 4		
P105	2 ELECTRIC ANNEALING OVENS		
P106	COLD CLEANING DEGREASERS		
P108	QUALITY CONTROL LABORATORY OPERATIONS		
P109	STORAGE TANKS (EACH>2,000 GAL)		
P110	STORAGE TANKS (EACH<2,000 GAL)		
P111	STORAGE TANKS		
P113	OVEN #4		
P114	OVEN #3		
P211	DISTILLATION UNIT		
C001	VANE SEPARATOR-MILL 1		
C002	VANE SEPARATOR-MILL 2		
C003A	FILTER SYSTEM		
C003B	REGENERATIVE THERMAL OXIDIZER		
C004	TWO STAGE FILTER SYSTEM-MILL 4		
FM001	NATURAL GAS LINE		
S001	MILL 1 STACK		
S002	MILL 2 STACK		
S003	REGENERATIVE THERMAL OXIDIZER EXHAUST		
S004	MILL 4 STACK		
S031	SMALL RACT BOILER & HEATER EXHAUSTS		
S032	LARGE RACT HEATER EXHAUSTS		
S033	SMALL HEATER STACK		
S034	LARGE HEATER STACK		
S108	QUALITY CONTROL STACK		
S113	ANNEALING OVEN STACK		
S114	ANNEALING OVEN #3 STACK		
Z001	FUGITIVE EMISSIONS		
Z105	ANNEALING OVENS EMISSIONS		
Z109	TANKS EMISSIONS >2,000 GAL		
Z110	STORAGE TANKS EMISSIONS		
Z111	NORPAR13,15,MORG EMISSION		

**PERMIT MAPS**



## PERMIT MAPS



**PERMIT MAPS**

PROC  
P110 → STAC  
Z110

PROC  
P111 → STAC  
Z111

PROC  
P113 → STAC  
S113

FML  
FM001 ↗

PROC  
P114 → STAC  
S114

FML  
FM001 ↗

PROC  
P211 → STAC  
Z001

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

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

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

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

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

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

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

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

**#005 [25 Pa. Code §§ 127.412, 127.413, 127.414, 127.446(e), 127.503 & 127.704(b)]****Permit Renewal**

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

(b) The application for permit renewal shall include the current permit number, the appropriate permit renewal fee, a description of any permit revisions and off-permit changes that occurred during the permit term, and any applicable requirements that were promulgated and not incorporated into the permit during the permit term. The fees shall be made payable to "The Commonwealth of Pennsylvania Clean Air Fund" and submitted with the fee form to the respective regional office.

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

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

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

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

- (1) The Department determines that no other change in the permit is necessary;
- (2) A written agreement has been submitted to the Department identifying the specific date of the transfer of permit responsibility, coverage and liability between the current and the new permittee; and,
- (3) A compliance review form has been submitted to the Department and the permit transfer has been approved by

**SECTION B. General Title V Requirements**

the Department.

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

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

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

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

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

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

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

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

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

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

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

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

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



**SECTION B. General Title V Requirements****#010 [25 Pa. Code §§ 127.411(d) & 127.512(c)(5)]****Duty to Provide Information**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

R3\_Air\_Apps\_and\_Notices@epa.gov

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

**SECTION B. General Title V Requirements****#014 [25 Pa. Code § 127.541]****Significant Operating Permit Modifications**

When permit modifications during the term of this permit do not qualify as minor permit modifications or administrative amendments, the permittee shall submit an application for significant Title V permit modifications in accordance with 25 Pa. Code § 127.541. Notifications to EPA, pursuant to 25 PA Code §127.522(a), if required, shall be submitted, to the following EPA e-mail box:

R3\_Air\_Apps\_and\_Notices@epa.gov

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

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

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

R3\_Air\_Apps\_and\_Notices@epa.gov

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

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

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

R3\_Air\_Apps\_and\_Notices@epa.gov

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

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

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

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

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

(a) The permittee shall pay fees to the Department in accordance with the applicable fee schedules in 25 Pa. Code Chapter 127, Subchapter I (relating to plan approval and operating permit fees). The applicable fees shall be made payable to "The Commonwealth of Pennsylvania Clean Air Fund" with the permit number clearly indicated and submitted to the respective regional office.

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

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

**SECTION B. General Title V Requirements**

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

(e) The permittee shall pay an annual operating permit maintenance fee according to the following fee schedule established in 25 Pa. Code § 127.704(d) on or before December 31 of each year for the next calendar year.

(1) Eight thousand dollars (\$8,000) for calendar years 2021—2025.

(2) Ten thousand dollars (\$10,000) for calendar years 2026—2030.

(3) Twelve thousand five hundred dollars (\$12,500) for the calendar years beginning with 2031.

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

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

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

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

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

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

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

(2) One ton of NO<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 or 25 Pa. Code Article III.

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

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

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

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

**SECTION B. General Title V Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

(a) The owner of this Title V facility, or any other person, may not circumvent the new source review requirements of 25 Pa. Code Chapter 127, Subchapter E by causing or allowing a pattern of ownership or development, including the

**SECTION B. General Title V Requirements**

phasing, staging, delaying or engaging in incremental construction, over a geographic area of a facility which, except for the pattern of ownership or development, would otherwise require a permit or submission of a plan approval application.

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

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

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

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

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

Enforcement & Compliance Assurance Division  
Air, RCRA and Toxics Branch (3ED21)  
Four Penn Center  
1600 John F. Kennedy Boulevard  
Philadelphia, PA 19103-2852

The Title V compliance certification shall be emailed to EPA at R3\_APD\_Permits@epa.gov.

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

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

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

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

**#024 [25 Pa. Code § 127.513]****Compliance Certification**

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

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

(b) The compliance certification shall be postmarked or hand-delivered no later than thirty days after each anniversary of

**SECTION B. General Title V Requirements**

the date of issuance of this Title V Operating Permit, or on the submittal date specified elsewhere in the permit, to the Department in accordance with the submission requirements specified in Section B, Condition #022 of this permit. The Title V compliance certification shall be emailed to EPA at R3\_APD\_Permits@epa.gov.

**#025 [25 Pa. Code §§ 127.511 & Chapter 135]****Recordkeeping Requirements**

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

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

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

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

**#026 [25 Pa. Code §§ 127.411(d), 127.442, 127.463(e) & 127.511(c)]****Reporting Requirements**

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

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

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

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

**SECTION B. General Title V Requirements****#027 [25 Pa. Code § 127.3]****Operational Flexibility**

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

- (1) Section 127.14 (relating to exemptions)
- (2) Section 127.447 (relating to alternative operating scenarios)
- (3) Section 127.448 (relating to emissions trading at facilities with federally enforceable emissions caps)
- (4) Section 127.449 (relating to de minimis emission increases)
- (5) Section 127.450 (relating to administrative operating permit amendments)
- (6) Section 127.462 (relating to minor operating permit amendments)
- (7) Subchapter H (relating to general plan approvals and operating permits)

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

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

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

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

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

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

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

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

- (1) Submit a compliance schedule for satisfying the requirements of 40 CFR Part 68 by the date specified in 40 CFR § 68.10(a); or,
- (2) Certify that the Title V facility is in compliance with all requirements of 40 CFR Part 68 including the registration and submission of the RMP.



**SECTION B. General Title V Requirements**

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

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

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

(2) The permittee fails to submit a compliance schedule or include a statement in the compliance certification required under Section B, Condition #026 of this permit that the Title V facility is in compliance with the requirements of Section 112(r) of the Clean Air Act, 40 CFR Part 68, and 25 Pa. Code § 127.512(i).

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

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

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

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

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

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

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

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

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

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

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

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

**#031 [25 Pa. Code §135.3]****Reporting**

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

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

**#032 [25 Pa. Code §135.4]****Report Format**

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



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

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

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

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

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

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

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

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

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

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

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

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

[Additional authority for this permit condition is derived from the permittee taking this elective restriction]

- (a) The total combined emissions of all hazardous air pollutants from the entire facility shall not equal or exceed 25 tons in

**SECTION C. Site Level Requirements**

any 12 consecutive month period.

(b) The total combined emissions of any individual hazardous air pollutant from the entire facility shall not equal or exceed 10 tons in any 12 consecutive month period.

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

The permittee shall conduct tests which demonstrate through Method 24 of 40 CFR Part 60 and 25 Pa. Code Chapter 139 of the volatile organic compound (VOC) content of each coating and solvent used at this facility.

OR

The permittee shall keep documentation (e.g., certified product data sheets) from the supplier/manufacturer which certifies the volatile organic compound (VOC) content of each coating and solvent used at this facility.

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

(a) At least ninety (90) days prior to the performance of the stack testing required by this permit, a test plan shall be submitted to the Department for evaluation. The plan shall contain a description of the proposed test methods and dimensioned drawings or sketches showing the test port locations.

(b) The Department shall be given at least fourteen (14) days advance notice of the scheduled dates for the performance of the stack testing required by this permit.

(c) Within sixty (60) days of the completion of the stack tests required by this permit, two copies of the test report shall be submitted to the Department. This report shall contain the results of the tests, a description of the testing and analytical procedures actually used in performance of the tests, all process and operating data collected during the tests, a copy of all raw data, and a copy of all calculations generated during data analysis.

(d) Submissions of protocols and reports shall be sent to the Department's Source Testing Section via email to [rapstacktesting@pa.gov](mailto:rapstacktesting@pa.gov) and [ra-epncstacktesting@pa.gov](mailto:ra-epncstacktesting@pa.gov) or by disk when the file is over 35 MBs.

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

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

**# 009 [25 Pa. Code §139.11]****General requirements.**

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

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

(1) A thorough source description, including a description of any air cleaning devices and the flue.

(2) Process conditions, for example, the charging rate of raw material or rate of production of final product, boiler pressure, oven temperature and other conditions which may effect emissions from the process.

**SECTION C. Site Level Requirements**

- (3) The location of sampling ports.
- (4) Effluent characteristics, including velocity, temperature, moisture content, gas density (percentage of CO, CO<sub>2</sub>, O<sub>2</sub> and N<sub>2</sub>), static and barometric pressures.
- (5) Sample collection techniques employed, including procedures used, equipment descriptions and data to verify that isokinetic sampling for particulate matter collection occurred and that acceptable test conditions were met.
- (6) Laboratory procedures and results.
- (7) Calculated results.

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

Visible emissions may be measured using either of the following:

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

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

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

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

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

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

(a) The permittee shall keep records of the tests conducted or documentation from the supplier/manufacturer (e.g., certified product data sheets) which certifies through Method 24 of 40 CFR Part 60 and 25 Pa. Code Chapter 139 of the volatile organic compound (VOC) content of all coatings and solvents used at this facility.

(b) All records generated pursuant to this permit condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

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

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

(b) All records generated pursuant to this permit condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

**SECTION C. Site Level Requirements****# 014 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall keep records of the following:

(1) The amount of each individual hazardous air pollutant emitted from the facility each month. These records shall include a copy of the calculations performed in deriving the respective emission values as well as an explanation of any assumptions made in deriving the emission values.

(2) The test conducted or certified documentation (e.g., Material Safety Data Sheets (MSDS) and/or Certified Product Data Sheets (CPDS)) from the supplier and/or manufacturer for the hazardous air pollutant (HAP) content of all coatings and solvents used at this facility.

(b) All records generated pursuant to this permit condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

**# 015 [25 Pa. Code §135.5]****Recordkeeping**

(a) The permittee shall maintain such records, including computerized records, as may be necessary to comply with 25 Pa. Code Sections 135.3 and 135.21. These may include records of production, fuel usage, equipment maintenance or other information determined by the Department to be necessary for identification and quantification of air contaminant emissions.

(b) All records generated pursuant to this permit condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

**V. REPORTING REQUIREMENTS.****# 016 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

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

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

(c) The report shall describe the following:

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

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

**SECTION C. Site Level Requirements**

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

(f) Reports regarding malfunctions, emergencies or incidents of excess emissions shall be submitted to the appropriate DEP Regional Office Air Program Manager.

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

**# 017 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

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

(b) The permittee shall submit the semi-annual reports of required monitoring to the Department, as specified in Condition #024 of Section B, General Title V Requirements, no later than September 1 (for January through June) and March 1 (for July through December of the previous year).

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

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

(b) The annual emission statements are due by March 1 for the preceding calendar year and shall contain a certification by a company officer or the plant manager that the information contained in the statement is accurate. The Emission Statement shall provide data consistent with requirements and guidance developed by the EPA.

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

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

(2) Analysis of the data on a more frequent basis is necessary to implement the requirements of the Air Pollution Control Act.

**# 019 [25 Pa. Code §135.3]****Reporting**

(a) A person who owns or operates a source to which 25 Pa. Code Chapter 135 applies, and who has previously been advised by the Department to submit a source report, shall submit by March 1 of each year an Annual Air Information Management Systems (AIMS) Emissions report for the preceding calendar year. The report shall include information for all previously reported sources, new sources which were first operated during the preceding calendar year and sources modified during the same period which were not previously reported.

(b) A person who receives initial notification by the Department that a Annual Air Information Management Systems (AIMS) Emissions report is necessary, shall submit an initial Annual Air Information Management Systems (AIMS) Emissions report within sixty (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) The permittee may request an extension of time from the Department for the filing of a Annual Air Information Management Systems (AIMS) Emissions report, and the Department may grant the extension for reasonable cause.

**SECTION C. Site Level Requirements****VI. WORK PRACTICE REQUIREMENTS.****# 020 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

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

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

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

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

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

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

**# 023 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 40 CFR Part 64 Section 64.8]

(a) The permittee shall develop, implement, and submit to the Department a quality improvement plan (QIP) as expeditiously as practicable if any of the following occurs:

- (1) for properly and accurately collected data, accumulated excursions exceed 5% duration of the operational time in the reporting period,
- (2) six (6) excursions occur in a six-month reporting period, or
- (3) the Department determines after review of all reported information that the permittee has not responded acceptably to an excursion.

**# 024 [25 Pa. Code §129.14]****Open burning operations**

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

**VIII. COMPLIANCE CERTIFICATION.**

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

**IX. COMPLIANCE SCHEDULE.**

No compliance milestones exist.

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

**SECTION D. Source Level Requirements**

Source ID: 031

Source Name: SMALL RACT BOILERS &amp; HEATERS

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.22]****Combustion units**

The permittee shall not permit the emission of sulfur oxides, expressed as sulfur dioxide (SO<sub>2</sub>), into the outdoor atmosphere from each boiler and heater incorporated in Source ID 031 in excess of the rate of 4 pounds per million Btu of heat input over any 1-hour period.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.96(c)]

The VOC emissions from each Unit of Source ID 031 shall not exceed 1.0 tons in any 12 consecutive month period.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.91 through 129.95]

The total combined potential to emit volatile organic compounds from Source IDs 031 and 032 shall never exceed 3 pounds per hour, 15 pounds per day or 2.7 tons in any 12 consecutive month period. Should any of these limitations ever be exceeded, a detailed RACT analysis which meets the criteria specified in 25 Pa. Code Section 129.92 must be submitted to the Department for Source IDs 031 and 032.

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

Each boiler and heater of Source ID 031 shall be fired on natural gas only.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

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

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

**SECTION D. Source Level Requirements**

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

- (1) The supporting calculations used to verify compliance with the annual volatile organic compound emission limitation for Source IDs 031 and 032.
- (2) The combined volume of natural gas used per month in Source IDs 031 and 032.

(b) All records generated pursuant to this permit condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

**V. REPORTING REQUIREMENTS.**

**# 006 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

- (a) The permittee shall submit an annual report to the Department which includes the supporting calculations used to verify compliance with the annual volatile organic compound emission limitation for Source IDs 031 and 032.
- (b) The annual reports shall be submitted to the Department by no later than March 1 (for January 1 through December 31 of the previous year). Submission of the VOC emissions from Source IDs 031 and 032 in the annual AIMS report is sufficient in complying with this reporting requirement.

**VI. WORK PRACTICE REQUIREMENTS.**

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

**VII. ADDITIONAL REQUIREMENTS.**

**# 007 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

Source ID 031 includes the following natural gas fired sources:

- (1) One (1) 1.25 million Btu per hour, Powmatic space heater (building 6).
- (2) One (1) 0.60 million Btu per hour, Reznor space heater (core shop).
- (3) One (1) 0.30 million Btu per hour, Hydrotherm boiler (line 6).
- (4) One (1) 0.40 million Btu per hour, Economite boiler (line 5).
- (5) One (1) 0.30 million Btu per hour, Economite boiler (line 4).
- (6) One (1) 0.40 million Btu per hour, Economite boiler (line 3).
- (7) One (1) 0.30 million Btu per hour, Economite boiler (line 1).

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



**SECTION D. Source Level Requirements**

Source ID: 032

Source Name: LARGE RACT HEATERS

Source Capacity/Throughput:

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

Each heater incorporated in Source ID 032 shall not emit particulate matter in excess of the rate of 0.40 pounds per million Btu of heat input.

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

The permittee shall not permit the emission of sulfur oxides, expressed as sulfur dioxide (SO<sub>2</sub>), into the outdoor atmosphere from each heater incorporated in Source ID 032 in excess of the rate of 4 pounds per million Btu of heat input over any 1-hour period.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.96(c)]

The VOC emissions from each Unit of Source ID 032 shall not exceed 1.0 tons in any 12 consecutive month period.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.91 through 129.95]

The total combined potential to emit volatile organic compounds from Source IDs 031 and 032 shall never exceed 3 pounds per hour, 15 pounds per day or 2.7 tons in any 12 consecutive month period. Should any of these limitations ever be exceeded, a detailed RACT analysis which meets the criteria specified in 25 Pa. Code Section 129.92 must be submitted to the Department for Source IDs 031 and 032.

**Fuel Restriction(s).****# 005 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Each heater incorporated in Source ID 032 shall be fired on natural gas only.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

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

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

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

(1) The supporting calculations used to verify compliance with the annual volatile organic compound emission limitation for Source IDs 031 and 032.

(2) The combined volume of natural gas used per month in Source IDs 031 and 032.

(b) All records generated pursuant to this permit condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

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

(a) The permittee shall submit an annual report to the Department which includes the supporting calculations used to verify compliance with the annual volatile organic compound emission limitation for Source IDs 031 and 032.

(b) The annual reports shall be submitted to the Department by no later than March 1 (for January 1 through December 31 of the previous year). Submission of the VOC emissions from Source IDs 031 and 032 in the annual AIMS report is sufficient in complying with this reporting requirement.

**VI. WORK PRACTICE REQUIREMENTS.**

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

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

Source ID 032 includes the following natural gas fired sources:

(1) One (1) 3.20 million Btu per hour, Eclipse space heater (building 8).

(2) One (1) 6.00 million Btu per hour, Eclipse space heater (CARM East space).

(3) One (1) 6.00 million Btu per hour, Eclipse space heater (CARM West space).

(4) One (1) 3.00 million Btu per hour, Powrmatic space heater (CPC).

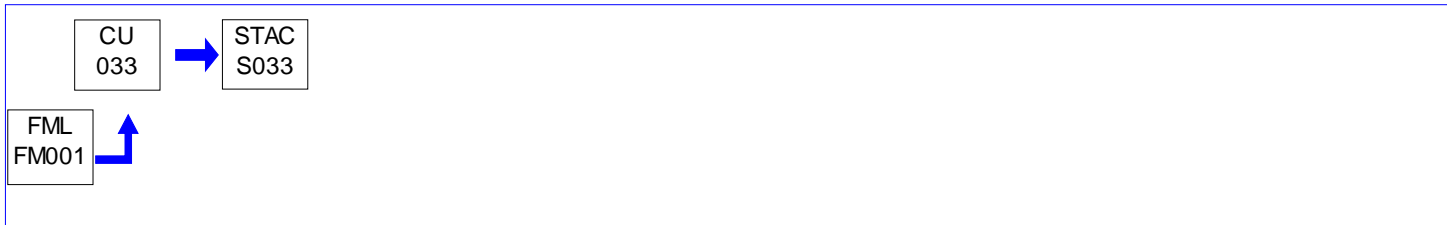
**\*\*\* Permit Shield in Effect. \*\*\***

**SECTION D. Source Level Requirements**

Source ID: 033

Source Name: SMALL HEATER

Source Capacity/Throughput:

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

# 001 [25 Pa. Code §123.22]

**Combustion units**

The permittee shall not permit the emission of sulfur oxides, expressed as sulfur dioxide (SO<sub>2</sub>), into the outdoor atmosphere from Source ID 033 in excess of the rate of 4 pounds per million Btu of heat input over any 1-hour period.

**Fuel Restriction(s).**

# 002 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

Source ID 033 shall only be fired on natural gas.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

**IV. RECORDKEEPING REQUIREMENTS.**

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

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.**

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

**VII. ADDITIONAL REQUIREMENTS.**

# 003 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

Source ID 033 is a 0.225 million Btu per hour, Modine model IBS225, natural gas-fired heater



**SECTION D. Source Level Requirements**

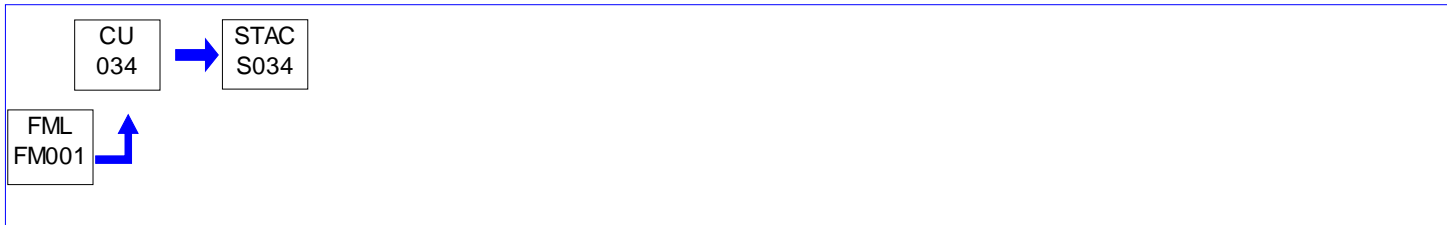
**\*\*\* Permit Shield in Effect. \*\*\***

**SECTION D. Source Level Requirements**

Source ID: 034

Source Name: LARGE HEATER &amp; BOILER

Source Capacity/Throughput:

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

# 001 [25 Pa. Code §123.11]

**Combustion units**

Each combustion unit incorporated in Source ID 034 shall not emit particulate matter in excess of the rate of 0.40 pounds per million Btu of heat input.

# 002 [25 Pa. Code §123.22]

**Combustion units**

The permittee shall not permit the emission of sulfur oxides, expressed as sulfur dioxide (SO<sub>2</sub>), into the outdoor atmosphere from each combustion unit incorporated in Source ID 034 in excess of the rate of 4 pounds per million Btu of heat input over any 1-hour period.

**Fuel Restriction(s).**

# 003 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

Each combustion unit incorporated in Source ID 034 shall only be fired on natural gas.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

**IV. RECORDKEEPING REQUIREMENTS.**

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

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.**

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

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

Source ID 034 consists of two (2) natural gas-fired combustion units:

- (a) One (1) 3.6 million Btu per hour, Greenheck, model TSU, natural gas-fired heater.
- (b) One (1) 3.396 million Btu per hour, Power Flame Burner, natural gas-fired boiler (Line 8 water heater)

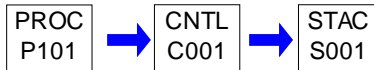
**\*\*\* Permit Shield in Effect. \*\*\***

**SECTION D. Source Level Requirements**

Source ID: P101

Source Name: COLD ROLL MILL 1

Source Capacity/Throughput:

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

The concentration of particulate matter in the exhaust of Source ID P101 shall not exceed 0.04 grains per dry standard cubic foot of effluent gas volume.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12 and 129.99(d)]

(a) The volatile organic compound emissions from Source ID P101 shall not at any time exceed a rate of 30.5 pounds per hour.

(b) The total combined volatile organic compound emissions from Source IDs P101 and P102 shall not exceed 225 tons in any 12 consecutive month period (as determined by the Department).

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

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.100(c)(1)(ii)]

The compliance testing on this source that occurred May 4 and 5, 2015 satisfies the testing requirements of 25 Pa. Code Section 129.100.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.99(d)]

Source ID P101 shall be equipped with instrumentation which accurately monitors the coolant/lubricant flow rate to the mill and the mill speed.

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

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

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

(1) The number of hours that Source ID P101 is operated on a monthly basis.

(2) The amount of Norpar 14 purchased on a monthly basis.

(3) The amount of Isopar G and the amount of Isopar L purchased per month.

**SECTION D. Source Level Requirements**

- (4) The amounts and types of all coolant/lubricants and other volatile organic compound-containing materials used per month in Source ID P101 other than Isopar G and Isopar L.
- (5) The volatile organic compound stack test results and reports for Source ID P101.
- (6) The supporting calculations used to verify compliance with the volatile organic compound emission limitation in Lbs/Hr for Source ID P101, and compliance with the annual volatile organic compound emission limitation for Source IDs P101 and P102.
- (7) Bulk coolant/lubricant temperature records that verify compliance with the bulk coolant/lubricant temperature limitation.
- (b) All records generated pursuant to this permit condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

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

- (a) The permittee shall submit semi-annual reports to the Department which include the supporting calculations used to verify compliance with the annual volatile organic compound emission limitation for Source IDs P101 and P102.
- (b) The semi-annual reports shall be submitted to the Department by no later than March 1 (for January 1 through December 31 of the previous year) and September 1 (for July 1 of the previous year through June 30 of the concurrent year).

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

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.99(d)]

- (a) Rags used during the hand cleaning of equipment with organic solvents shall be stored in closed containers prior to reuse or disposal. The rags shall not be subjected to air drying or any other treatment process intended to intentionally promote the evaporative loss of organic solvent.
- (b) Containers of all volatile organic compound-containing materials shall remain closed when not in actual use.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.99(d)]

The coolant/lubricant used in Source ID P101 shall be limited to NORPAR 698 (blend 75% NORPAR-13 and 25% NORPAR-15) or such other products as may be determined to be equivalent by the Department. The only exception to this will be the use of Isopar G or Isopar L in plannish operations only.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.99(d)]

- (a) The coolant/lubricant application rate at Source ID P101 shall be maintained at the lowest rate possible without adversely affecting product quality. The bulk coolant/lubricant temperature shall not exceed 110°F. The temperature of the bulk coolant/lubricant shall be recorded at least once per day when Source ID P101 is in operation.
- (b) Control Device ID C001 shall be equipped with drains which shall be kept open and free-flowing at all times.



**SECTION D. Source Level Requirements****# 010 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.99(d)]

(a) Source ID P101 is a 60 inch wide, four high Lowey-Davis aluminum cold rolling mill (Mill #1), the air contaminant emissions from which shall be controlled by Control Device ID C001.

(b) Control Device ID C001 is an impingement vane separator.

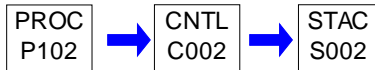
**\*\*\* Permit Shield in Effect. \*\*\***

**SECTION D. Source Level Requirements**

Source ID: P102

Source Name: COLD ROLL MILL 2

Source Capacity/Throughput:

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

# 001 [25 Pa. Code §123.13]

**Processes**

The concentration of particulate matter in the exhaust of Source ID P102 shall not exceed 0.04 grains per dry standard cubic foot of effluent gas volume.

# 002 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12 and 129.99(d)]

(a) The volatile organic compound emissions from Source ID P102 shall not at any time exceed a rate of 30.5 pounds per hour.

(b) The total combined volatile organic compound emissions from Source IDs P101 and P102 shall not exceed 225 tons in any 12 consecutive month period (as determined by the Department).

**II. TESTING REQUIREMENTS.**

# 003 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.100(c)(1)(ii)]

The compliance testing on this source that occurred May 4 and 5, 2015 satisfies the testing requirements of 25 Pa. Code Section 129.100.

**III. MONITORING REQUIREMENTS.**

# 004 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.99(d)]

Source ID P102 shall be equipped with instrumentation which accurately monitors the coolant/lubricant flow rate to the mill and the mill speed.

**IV. RECORDKEEPING REQUIREMENTS.**

# 005 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

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

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

(1) The number of hours that Source ID P102 operated on a monthly basis.

(2) The amount of coolant/lubricant purchased per month.

(3) The amount of Isopar G and the amount of Isopar L purchased on a monthly basis.

**SECTION D. Source Level Requirements**

- (4) The amounts and types of all coolant/lubricants and other volatile organic compound-containing materials used per month in Source ID P102 other than Isopar G and Isopar L.
- (5) The volatile organic compound stack test results and reports for Source ID P102.
- (6) The supporting calculations used to verify compliance with the volatile organic compound emission limitation in Lbs/Hr for Source ID P102, and compliance with the annual volatile organic compound emission limitation for Source IDs P101 and P102.
- (7) Bulk coolant/lubricant temperature records that verify compliance with the bulk coolant/lubricant temperature limitation.
- (b) All records generated pursuant to this permit condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

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

- (a) The permittee shall submit semi-annual reports to the Department which include the supporting calculations used to verify compliance with the annual volatile organic compound emissions limitation for Source IDs P101 and P102.
- (b) The semi-annual reports shall be submitted to the Department by no later than March 1 (for January 1 through December 31 of the previous year) and September 1 (for July 1 of the previous year through June 30 of the concurrent year).

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

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.99(d)]

- (a) Rags used during the hand cleaning of equipment with organic solvents shall be stored in closed containers prior to reuse or disposal. The rags shall not be subjected to air drying or any other treatment process intended to intentionally promote the evaporative loss of organic solvent.
- (b) Containers of all volatile organic compound-containing materials shall remain closed when not in actual use.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.99(d)]

- (a) Source ID P102 is a 60 inch wide, four high Pittsburgh aluminum cold rolling mill (Mill #2), the air contaminant emissions from which shall be controlled by Control Device ID C002.
- (b) Control Device ID C002 is an impingement vane separator.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.99(d)]

The coolant/lubricant used in Source ID P102 shall be limited to NORPAR 698 (blend 75% NORPAR-13 and 25% NORPAR-15) or such other products as may be determined to be equivalent by the Department. The only exception to this will be the use of Isopar G or Isopar L in plannish operations only.

**SECTION D. Source Level Requirements****# 010 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.99(d)]

(a) The coolant/lubricant application rate at Source ID P102 shall be maintained at the lowest rate possible without adversely affecting product quality. The bulk coolant/lubricant temperature shall not exceed 110°F. The temperature of the bulk coolant/lubricant shall be recorded at least once per day when Source ID P102 is in operation.

(b) Control Device ID C002 shall be equipped with drains which shall be kept open and free-flowing at all times.

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

**SECTION D. Source Level Requirements**

Source ID: P103

Source Name: COLD ROLL MILL 3

Source Capacity/Throughput:

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

The concentration of particulate matter in the exhaust of Control Device ID C003B associated with Source ID P103 shall not exceed 0.04 grains per dry standard cubic foot of effluent gas volume.

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

The concentration of sulfur oxides, expressed as sulfur dioxide (SO<sub>2</sub>), in the exhaust from Control Device ID C003B associated with Source ID P103 shall not exceed 500 parts per million, by volume, dry basis.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12 and 129.99(d)]

Source ID P103 shall not emit volatile organic compounds into the outdoor atmosphere at a rate in excess of 2.0 pounds per hour. This emission limit includes any fugitive volatile organic compound emissions which escape capture by the air contaminant emission capture system associated with Source ID P103 and Control Device IDs C003A and C003B. The total volatile organic compound emissions from Source ID P103 which includes any fugitive volatile organic compound emissions which escape capture by the air contaminant emission capture system associated with Source ID P103 and Control Device IDs C003A and C003B, and any fugitive volatile organic compound emissions from the associated process tanks (including those listed for cold roll mill #3 under Source ID P111); shall not exceed 8.4 tons in any 12 consecutive month period, as determined by the Department.

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

Control Device ID C003B shall be fired on natural gas only.

**Operation Hours Restriction(s).****# 005 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12 and 129.99(d)]

(a) The permittee shall not operate Source ID P103 more than 8,000 hours in any 12 consecutive month period.

(b) Source ID P103 shall not at any time be operated without the simultaneous operation of IDs C003A and C003B.

**Control Device Efficiency Restriction(s).****# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12 and 129.99(d)]

**SECTION D. Source Level Requirements**

(a) Control Device ID C003B shall maintain a minimum volatile organic compound destruction efficiency of 95% when the inlet volatile organic compound concentrations are greater than or equal to 200 ppmv, measured as propane. When the volatile organic compound concentrations at the inlet to ID C003B are less than 200 ppmv, measured as propane, the outlet volatile organic compound concentration shall not exceed 10 ppmv, measured as propane.

(b) Control Device ID C003B shall be operated at a combustion chamber temperature of 1400°F or greater at all times that Source ID P103 is in operation except during the performance of stack testing specifically intended to determine the oxidizer destruction efficiency and/or volatile organic compound emission rate at lower oxidizer operating temperatures.

**II. TESTING REQUIREMENTS.**

**# 007 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.100(c)(1)(ii)]

The compliance testing on this source that occurred May 4 and 5, 2015 satisfies the testing requirements of 25 Pa. Code Section 129.100.

**III. MONITORING REQUIREMENTS.**

**# 008 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

[Additional authority for this condition is derived from 40 CFR Part 64, Section 64.6]

Source ID P103 shall be equipped with instrumentation that monitors the following operating parameters of Source ID P103: bulk lubricant/coolant temperature, lubricant/coolant application temperature, and operating speed.

**# 009 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1, 127.12 and 129.99(d) and 40 CFR Part 64, Section 64.6]

(a) Control Device ID C003B shall incorporate a temperature interlock to prevent operation of the Source ID P103 until Control Device ID C003B is operating at the required minimum temperature of 1400°F.

(b) Control Device ID C003B shall be equipped with instrumentation to continuously monitor and record the inlet temperature, outlet temperature and combustion chamber temperature. These parameters shall be monitored and recorded continuously whenever Source ID P103 is in operation. The recorder shall be equipped with an audible alarm to notify the permittee when an excursion has occurred.

**IV. RECORDKEEPING REQUIREMENTS.**

**# 010 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.99(d)]

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

(1) The number of hours that Source ID P103 operated on a monthly basis.

(2) The combustion chamber temperatures of Control Device ID C003B on a continuous basis.

(3) The amounts and types of all lubricants/coolants and other volatile organic compound-containing materials used each month in Source ID P103.

**SECTION D. Source Level Requirements**

(4) The supporting calculations used to verify compliance with the lbs/hr volatile organic compound emission limitation for Source ID P103, and compliance with the volatile organic compound emissions limitation for Source ID P103 in any 12 consecutive month period.

(b) All records generated pursuant to this permit condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

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

(a) The permittee shall submit semi-annual reports to the Department which include the following information:

(1) The supporting calculations used to verify compliance with the volatile organic compound emission limitation for Source ID P103 in any 12 consecutive month period.

(2) The hours that Source ID P103 operated on a monthly basis.

(b) The semi-annual reports shall be submitted to the Department by no later than March 1 (for January 1 through December 31 of the previous year) and September 1 (for July 1 of the previous year through June 30 of the concurrent year).

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

[Additional authority for this permit condition is derived from 40 CFR Part 64 Section 64.9]

(a) The permittee shall submit semi-annual reports to the Department including:

(1) Summary information on the number, duration and cause (including unknown cause, if applicable) of excursions of the Compliance Assurance Monitoring (CAM) indicator and the corrective action(s) taken.

(2) Summary information on the number, duration and cause (including unknown cause, if applicable) for monitor downtime incidents (other than downtime associated with calibration checks).

(b) The semi-annual reports shall be submitted to the Department no later than March 1 (July 1 through December 30 of the previous year) and September 1 (January 1 through June 30 of the concurrent year).

**VI. WORK PRACTICE REQUIREMENTS.****# 013 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 40 CFR Part 64 Section 64.7(d)]

Upon detecting an excursion, as defined in 40 CFR Section 64.1, of the Compliance Assurance Monitoring (CAM) indicator ranges established herein, the permittee shall restore operation of Source ID P103 and/or Control Device C003B to its normal or usual manner of operation as expeditiously as practicable in accordance with good air pollution control practices for minimizing emissions. The response shall include minimizing the period of any startup, shutdown or malfunction and taking any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of the excursion.

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

Source ID P103 is subject to the requirements of 40 CFR Part 64, Compliance Assurance Monitoring (CAM). The permittee shall comply with all applicable requirements of 40 CFR Part 64, Sections 64.1 through 64.10.

**SECTION D. Source Level Requirements****# 015 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 40 CFR Part 64 Section 64.6]

The inlet temperature of the combustion chamber of Control Device C003B shall not be less than 1,400°F

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

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12 and 129.99d(l)]

(a) Source ID P103 is a 10" & 28" x 64" & 62" Pittsburgh cold aluminum rolling mill which is also known as the #3 mill. The air contaminant emissions capture system associated with Source ID P103 shall include a Busch Fume Shield and Jet-Wall mill hooding, and Busch Fume Shield mill closures, and shall capture all of the air contaminant emissions from Source ID P103. The air contaminant emissions capture system shall have a minimum number of openings with the least amount of surface space possible.

(b) The air contaminant emissions from Source ID P103 shall be controlled by Control Device IDs C003A and C003B in series.

(c) Control Device ID C003A is a Busch PPS filter system.

(d) Control Device ID C003B is a 4.4 million Btu per hour, natural gas fired, Trinity horizontal regenerative thermal oxidizer.

**# 017 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12 and 129.99(d)]

The lubricant/coolant application rate and temperature for Source ID P103 shall be maintained at the lowest levels possible without adversely affecting product quality.

**# 018 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12 and 129.99(d)]

The only lubricants/coolants to be used in Source ID P103 shall be NORPAR-13, NORPAR-15, ISOPAR G or lubricants/coolants which the Department has determined are of equivalent volatility and hazardous air pollutant content to NORPAR 15 and ISOPAR G. Additive materials may be used as needed with these lubricants/coolants to the extent that the evaporative potential of the lubricant/coolant blend as measured by vapor pressure, is not increased by their addition.

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

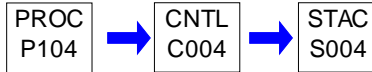


**SECTION D. Source Level Requirements**

Source ID: P104

Source Name: COLD ROLL MILL 4

Source Capacity/Throughput:

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

# 001 [25 Pa. Code §123.13]

**Processes**

The concentration of particulate matter in the exhaust of Control Device C004 associated with Source ID P104 shall not exceed 0.04 grains per dry standard cubic foot of effluent gas volume.

# 002 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12 and 129.99(d)]

The volatile organic compound emission rate from Source ID P104 shall not exceed 6.0 pounds per hour.

**II. TESTING REQUIREMENTS.**

# 003 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.100(c)(1)(ii)]

The compliance testing on this source that occurred September 29, 2015 satisfies the testing requirements of 25 Pa. Code Section 129.100.

**III. MONITORING REQUIREMENTS.**

# 004 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

(a) Appropriate instrumentation shall be in place, and maintained in proper operating condition, such that the following, at a minimum, can be continuously monitored and recorded at least once per day for Source ID P104:

- (1) Bulk lubricant temperature.
- (2) Lubricant application temperature.
- (3) Lubricant application rate.
- (4) Mill speed.
- (5) Pressure drop across Control Device ID C004.
- (6) Total exhaust system pressure drop.

**IV. RECORDKEEPING REQUIREMENTS.**

# 005 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

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

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

**SECTION D. Source Level Requirements**

- (1) The number of hours that Source ID P104 operated on a monthly basis.
  - (2) The amounts and types of all coolant/lubricants, additives and other volatile organic compound-containing materials used per month in Source ID P104.
  - (3) The volatile organic compound stack test results and reports for Source ID P104.
  - (4) The supporting calculations used to verify compliance with the volatile organic compound emissions limitation in Lbs/Hr for Source ID P104.
  - (5) The daily records of the bulk lubricant temperature, lubricant application temperature, lubricant application rate and Mill speed.
  - (6) Pressure drop across Control Device ID C004
- (b) All records generated pursuant to this permit condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.****# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.99(d)]

(a) Rags used during the hand cleaning of equipment with organic solvents shall be stored in closed containers prior to reuse or disposal. The rags shall not be subjected to air drying or any other treatment process intended to intentionally promote the evaporative loss of organic solvent.

(b) Containers of all volatile organic compound-containing materials shall remain closed when not in actual use.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12 and 129.99(d)]

The only lubricant to be used in association with Source ID P104 shall be Exxon NORPAR 15 or its equivalent (as determined by the Department). D.A. Stuart Co. BC-21-AE and BC-23-A (or such additives as may be determined by the Department to be equivalent) may be added to the NORPAR 15.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.99(d)]

(a) Source ID P104 is a United Engineering 60 inch wide, four-high aluminum cold rolling mill (Mill #4), the air contaminant emissions from which shall be controlled by Control Device ID C004.

(b) Control Device ID C004 is a two-stage Busch filtration system (ID C004), consisting of a PPS synthetic fiber pre-filter followed by a CECO annealed fiberglass deep-bed final filter, and a Busch stack skimmer.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12 and 129.99(d)]

- (a) The lubricant application rate and the bulk lubricant temperature associated with Source ID P104 shall be maintained at the lowest levels which do not adversely affect product quality.
- (b) No change shall be made to the mill enclosure or exhaust system associated with Source ID P104 which would eliminate or compromise any of the emission-minimizing design features identified in the plan approval application OP-41-0007.
- (c) The exhaust fan shall be located downstream of Control Device ID C004.
- (d) Both filter housings and any low points in the exhaust system ductwork for Source ID P104 shall be equipped with free-flowing drains.

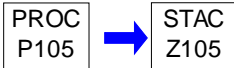
**\*\*\* Permit Shield in Effect. \*\*\***

**SECTION D. Source Level Requirements**

Source ID: P105

Source Name: 2 ELECTRIC ANNEALING OVENS

Source Capacity/Throughput:

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

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.96(c)]

Neither of the two annealing ovens incorporated in Source ID P105 shall individually emit volatile organic compounds greater than 1 ton in any 12 consecutive month period.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

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

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

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

(1) The amount of product annealed in each annealing oven incorporated in Source ID P105 on a monthly basis.

(2) The amount of product processed for post-curing purposes in each annealing oven incorporated in Source ID P105 on a monthly basis.

(3) The supporting calculations used to verify compliance with the annual volatile organic compound emission limitation for each annealing oven incorporated in Source ID P105.

(b) All records generated pursuant to this permit condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

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

(a) The permittee shall submit an annual report to the Department which includes the supporting calculations used to verify compliance with the annual volatile organic compound emission limitation for each annealing oven incorporated in Source ID P105.

(b) The annual reports shall be submitted to the Department by no later than March 1 (for January 1 through December 31 of the previous year). Submission of the VOC emissions from Source ID P105 in the annual AIMS report is sufficient in

**SECTION D. Source Level Requirements**

complying with this reporting requirement.

**VI. WORK PRACTICE REQUIREMENTS.**

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

**VII. ADDITIONAL REQUIREMENTS.**

**# 004 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

Source ID P105 consists of two electrically-heated aluminum coil annealing ovens (#1 and 2).

**# 005 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

The annealing ovens incorporated in Source ID P105 may be used to both anneal aluminum coil and to post-cure coated coils of metal.

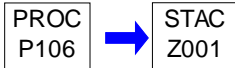
**\*\*\* Permit Shield in Effect. \*\*\***

**SECTION D. Source Level Requirements**

Source ID: P106

Source Name: COLD CLEANING DEGREASERS

Source Capacity/Throughput:

**I. RESTRICTIONS.**

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

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

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

(a) The permittee shall keep records of the following information for each parts washer incorporated in in Source P106:

- (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 millimeters of mercury at 68 degrees F.

(b) All records generated pursuant to this condition shall be retained for a minimum of five (5) years and be made available to the Department upon request.

**V. REPORTING REQUIREMENTS.**

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

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

Each parts washer incorporated in Source ID P106 shall have the following:

- (1) A permanent conspicuous label summarizing these operating requirements:
  - (a) Waste solvent shall be collected and stored in a closed container. The closed container may contain a device that allows pressure relief, but does not allow liquid solvent to drip from the container.
  - (b) Flushing of Parts using a flexible hose or other flushing device shall be performed only within the cold cleaning machine. The solvent spray shall be a solid fluid stream, not an atomized or shower spray.

**SECTION D. Source Level Requirements**

(c) Sponges, fabric, wood, leather, paper products, and other absorbent materials may not be cleaned in each parts washer incorporated in Source ID P106.

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

(e) Spills during solvent transfer and the use of Source P shall be cleaned up immediately.

(2) In addition, the label shall include the following discretionary 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 the part is draining.

(b) During the draining, tipping or rotating, the parts should be positioned so that solvent drains directly back to each parts washer incorporated in Source ID P106.

(c) Work area fans should be located and positioned so that they do not blow across the opening of each parts washer incorporated in Source ID P106

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

Each parts washer incorporated in Source ID P106 shall be operated in accordance with the following procedures:

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

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

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

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

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

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

Source ID P106 consists of three (3) parts washers.

(a) One (1) 30-gallon, System One, model Qsol 100, remote-reservoir, parts washer

(b) One (1) 20-gallon, System One model 571, remote reservoir, parts washer

(c) One (1) 4.5-gallon, Mansur, model 110, remote reservoir, parts washer

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

Each parts washer incorporated in Source ID P106 shall be equipped with a cover(s) that shall be closed at all times except during the 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.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.63]

**SECTION D. Source Level Requirements**

The vapor pressure of the solvent used in each parts washer incorporated in Source ID P106 shall be less than 1.0 millimeter of mercury (mm Hg) measured at 20 degrees Celsius (68 degrees Fahrenheit). Additionally, no halogenated solvent or solvent to which a volatile hazardous air pollutant has intentionally been added shall be used in each parts washer incorporated in Source ID P106.

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

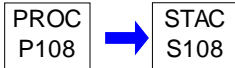


**SECTION D. Source Level Requirements**

Source ID: P108

Source Name: QUALITY CONTROL LABORATORY OPERATIONS

Source Capacity/Throughput:

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

# 001 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.96(c)]

The volatile organic compound (VOC) emissions from Source ID P108 shall not exceed 1.0 tons per year.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

**IV. RECORDKEEPING REQUIREMENTS.**

# 002 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

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

(a) The permittee shall keep records of the supporting calculations used to verify compliance with the annual volatile organic compound emission limitation for Source ID P108.

(b) All records generated pursuant to this permit condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

**V. REPORTING REQUIREMENTS.**

# 003 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

(a) The permittee shall submit annual reports to the Department which include the supporting calculations used to verify compliance with the annual volatile organic compound emission limitation for Source ID P108.

(b) The reports shall be submitted to the Department by no later than March 1 (for January 1 through December 31 of the previous year). Submission of the VOC emissions from Source ID P108 in the annual AIMS report is sufficient in complying with this reporting requirement.

**VI. WORK PRACTICE REQUIREMENTS.**

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

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

Source ID P108 consists the quality control laboratory operations.

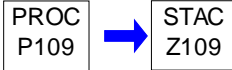
**\*\*\* Permit Shield in Effect. \*\*\***

**SECTION D. Source Level Requirements**

Source ID: P109

Source Name: STORAGE TANKS (EACH&gt;2,000 GAL)

Source Capacity/Throughput:

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

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.91 through 129.95]

The combined potential to emit volatile organic compounds from Source IDs P109 and P110 shall never exceed 3 pounds per hour, 15 pounds per day or 2.7 tons in any 12 consecutive month period. Should any of these limitations ever be exceeded, a detailed RACT analysis which meets the criteria specified in 25 Pa. Code Section 129.92 must be submitted to the Department for each storage tank of Source IDs P109 and P110.

**# 002 [25 Pa. Code §129.57]****Storage tanks less than or equal to 40,000 gallons capacity containing VOCs**

The permittee shall not store any liquid containing volatile organic compounds (VOCs) with a vapor pressure greater than 1.5 psia (10.5 kilopascals) under actual storage conditions in each storage tank of Source ID P109 unless the tank is equipped with a pressure relief valve which is maintained in good operating condition and which is set to release at no less than 0.7 psig of pressure or 0.3 psig of vacuum, or the highest possible pressure and vacuum in accordance with state or local fire codes or the National Fire Prevention Association guidelines or other national consensus standards acceptable to the Department.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

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

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

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

(1) The vapor pressure of the volatile organic compound-containing materials stored in each storage tank incorporated in Source ID P109 unless the tank is equipped with a pressure relief valve.

(2) The supporting calculations used to verify compliance with the annual volatile organic compound emission limitation for Source IDs P109 and P110.

(b) All records generated pursuant to this permit condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

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

(a) The permittee shall submit annual reports to the Department which include the supporting calculations used to verify compliance with the annual volatile organic compound emission limitation for Source IDs P109 and P110.

(b) The report shall be submitted to the Department by no later than March 1 (for January 1 through December 31 of the previous year). Submission of the VOC emissions from Source IDs P109 and P110 in the annual AIMS report is sufficient in complying with this reporting requirement.

**VI. WORK PRACTICE REQUIREMENTS.**

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

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

(a) Source ID P109 includes the following sources:

- (1) One (1) 11,000 gallon, above ground, tramp lubricant tank.
- (2) One (1) 11,000 gallon, above ground, process lubricant tank for cold roll mill 1.
- (3) One (1) 10,000 gallon, above ground, virgin lubricant tank.
- (4) One (1) 4,000 gallon, above ground, recycled lubricant tank.
- (5) One 4,000 gallon, above ground, process lubricant tank for cold roll mill 2.
- (6) One (1) 2,500 gallon, above ground, reserve bearing oil tank.

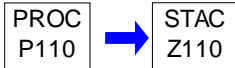
**\*\*\* Permit Shield in Effect. \*\*\***

**SECTION D. Source Level Requirements**

Source ID: P110

Source Name: STORAGE TANKS (EACH&lt;2,000 GAL)

Source Capacity/Throughput:

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

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.91 through 129.95]

The combined potential to emit volatile organic compounds from Source IDs P109 and P110 shall never exceed 3 pounds per hour, 15 pounds per day or 2.7 tons in any 12 consecutive month period. Should any of these limitations ever be exceeded, a detailed RACT analysis which meets the criteria specified in 25 Pa. Code Section 129.92 must be submitted to the Department for each storage tank of Source IDs P109 and P110.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

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

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

(a) The permittee shall keep records of the supporting calculations used to verify compliance with the annual volatile organic compound emission limitation for Source IDs P109 and P110.

(b) All records generated pursuant to this permit condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

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

(a) The permittee shall submit annual reports to the Department which include the supporting calculations used to verify compliance with the annual volatile organic compound emission limitation for Source IDs P109 and P110.

(b) The reports shall be submitted to the Department by no later than March 1 (for January 1 through December 31 of the previous year). Submission of the VOC emissions from Source IDs P109 and P110 in the annual AIMS report is sufficient in complying with this reporting requirement.

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

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

**VII. ADDITIONAL REQUIREMENTS.**

# 004 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

Source ID P110 includes two (2) 650-gallon, above ground, hydraulic oil tanks for cold roll mill 1 and 2.

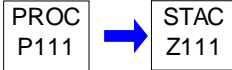
**\*\*\* Permit Shield in Effect. \*\*\***

**SECTION D. Source Level Requirements**

Source ID: P111

Source Name: STORAGE TANKS

Source Capacity/Throughput:

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

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

Source ID P103 shall not emit volatile organic compounds (VOCs) into the outdoor atmosphere at a rate in excess of 2.0 pounds per hour. This emission limit includes any fugitive VOC emissions which escape capture by the air contaminant emission capture system associated with Source ID P103 and IDs C003A and C003B. The total VOC emissions from Source ID P103 which includes any fugitive VOC emissions which escape capture by the air contaminant emission capture system associated with Source ID P103 and IDs C003A and C003B, and any fugitive VOC emissions from the associated process tanks (including those listed for cold roll mill #3 under Source ID P111); shall not exceed 8.4 tons in any 12 consecutive month period, as determined by the Department.

**# 002 [25 Pa. Code §129.57]****Storage tanks less than or equal to 40,000 gallons capacity containing VOCs**

The permittee shall not store any liquid containing volatile organic compounds (VOC) with a vapor pressure greater than 1.5 psia (10.5 kilopascals) under actual storage conditions in each storage tank of Source ID P111 unless the tank is equipped with a pressure relief valve which is maintained in good operating condition and which is set to release at no less than 0.7 psig of pressure or 0.3 psig of vacuum, or the highest possible pressure and vacuum in accordance with state or local fire codes or the National Fire Prevention Association guidelines or other national consensus standards acceptable to the Department.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

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

(a) The permittee shall keep records of the vapor pressure of the volatile organic compound-containing materials stored in each storage tank incorporated in Source ID P111 unless the tank is equipped with a pressure relief valve.

(b) All records generated pursuant to this permit condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

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

(a) The permittee shall keep records of the supporting calculations used to verify compliance with the lbs/hr volatile organic compound emission limitation for Source ID P111, and compliance with the annual volatile organic compound emission limitation for Source ID P111 in any 12 consecutive month period.

**SECTION D. Source Level Requirements**

(b) All records generated pursuant to this permit condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

**V. REPORTING REQUIREMENTS.**

**# 005 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

(a) The permittee shall submit annual reports to the Department which include the supporting calculations used to verify compliance with the annual volatile organic compound emission limitation for Source ID P111 in any 12 consecutive month period.

(b) The annual reports shall be submitted to the Department by no later than March 1 (for January 1 through December 31 of the previous year). Submission of the VOC emissions from Source ID P111 in the annual AIMS report is sufficient in complying with this reporting requirement.

**VI. WORK PRACTICE REQUIREMENTS.**

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

**VII. ADDITIONAL REQUIREMENTS.**

**# 006 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

(a) Source ID P111 includes the following above-ground storage tanks:

- (1) One (1) 4,000 gallon 'Dirty Process' storage tank for cold roll mill #3.
- (2) One (1) 4,000 gallon 'Clean Process' storage tank for cold roll mill #3.
- (3) One (1) 6,600 gallon 'Dirty Storage' storage tank for cold roll mill #3.
- (4) One (1) 6,600 gallon 'Virgin Storage' storage tank for cold roll mill #3.
- (5) One (1) 9,500 gallon 'Dirty Process' storage tank for cold roll mill #4.
- (6) One (1) 9,500 gallon 'Clean Process' storage tank for cold roll mill #4.
- (7) One (1) 8,000 gallon 'Dirty Storage' storage tank for cold roll mill #4.
- (8) One (1) 8,000 gallon 'Virgin Storage' storage tank for cold roll mill #4.
- (9) One (1) 2,400 gallon 'MORG Process' storage tank for cold roll mill #4.
- (10) One (1) 3,000 gallon 'Dirty Storage' storage tank (MORG).
- (11) One (1) 3,000 gallon 'Clean Storage' storage tank (MORG).

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



**SECTION D. Source Level Requirements**

Source ID: P113

Source Name: OVEN #4

Source Capacity/Throughput:

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

The concentration of particulate matter in the exhaust of Source ID P113 shall not exceed 0.04 grains per dry standard cubic foot of effluent gas volume.

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

The concentration of sulfur oxides, expressed as sulfur dioxide (SO<sub>2</sub>), in the exhaust from Source ID P113 shall not exceed 500 parts per million, by volume, dry basis.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.96(c)]

The volatile organic compound emissions from Source ID P113 shall not exceed 1.0 ton in any 12 consecutive month period.

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

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

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

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

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

(a) The permittee shall keep records of the following information for Source ID P113:

(1) the volatile organic compound emissions from Source ID P113 on a monthly basis

**SECTION D. Source Level Requirements**

(2) The date, weight, gauge, width and alloy of each coil processed,

(b) All records generated pursuant to this condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

**V. REPORTING REQUIREMENTS.**

**# 006 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

(A) The permittee shall submit an annual report to the Department which includes the volatile organic compound emission from Source ID P113 on a monthly basis.

(b) The annual report shall be submitted to the Department by no later than March 1 (for January 1 through December 31 of the previous year). Submission of the VOC emissions from Source ID P113 in the annual AIMS report is sufficient in complying with this reporting requirement.

**VI. WORK PRACTICE REQUIREMENTS.**

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

**VII. ADDITIONAL REQUIREMENTS.**

**# 007 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

Source ID P113 is a 9.6 million Btu per hour, Flinn and Dreffein, natural gas-fired, annealing oven. Equipped with 24 - 0.40 million Btu per hour burners.

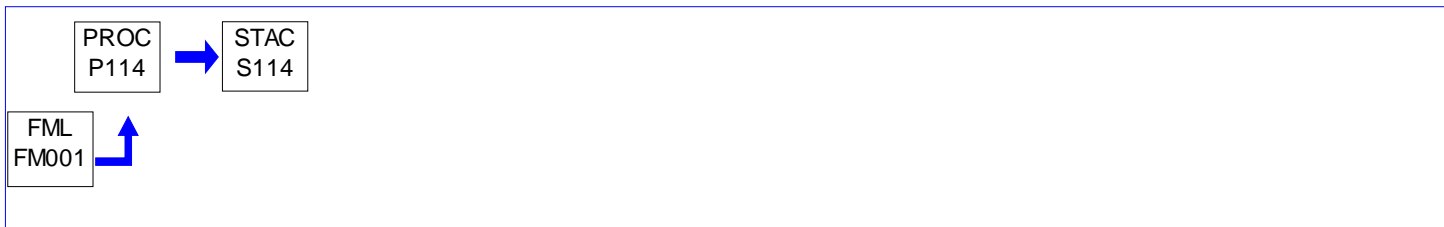
**\*\*\* Permit Shield in Effect. \*\*\***

**SECTION D. Source Level Requirements**

Source ID: P114

Source Name: OVEN #3

Source Capacity/Throughput:

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

The concentration of particulate matter in the exhaust of Source ID P114 shall not exceed 0.04 grains per dry standard cubic foot of effluent gas volume.

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

The concentration of sulfur oxides, expressed as sulfur dioxide (SO<sub>2</sub>), in the exhaust from Source ID P114 shall not exceed 500 parts per million, by volume, dry basis.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.96(c)]

The volatile organic compound emissions from Source ID P114 shall not exceed 1.0 ton in any 12 consecutive month period.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

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

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

(a) The permittee shall keep records of the following information for every coil processed through Source ID P114:

(1) date processed

(2) weight, gauge, width and alloy of coil

(b) All records generated pursuant to this permit condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

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

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

**VI. WORK PRACTICE REQUIREMENTS.**

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

**VII. ADDITIONAL REQUIREMENTS.**

**# 005 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

The permittee must determine the residual lubricant/coolant content of a coil, or coils, upon Department request.

**# 006 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

Source ID P114 is a 6 million Btu per hour annealing oven equipped with 24 - 0.28 million Btu per hour burners.

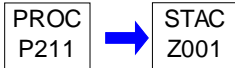
**\*\*\* Permit Shield in Effect. \*\*\***

**SECTION D. Source Level Requirements**

Source ID: P211

Source Name: DISTILLATION UNIT

Source Capacity/Throughput:

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

# 001 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.96(c)]

The volatile organic compound (VOC) emissions from Source ID P211 shall not exceed 1.0 tons per year.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

**IV. RECORDKEEPING REQUIREMENTS.**

# 002 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

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

(1) The amount of waste material processed in Source ID P211 on a monthly basis

(2) The emission of volatile organic compounds from Source ID P211 on a monthly basis.

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

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.**

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

**VII. ADDITIONAL REQUIREMENTS.**

# 003 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

Source ID P211 is a vacuum rolling oil distillation unit to reclaim rolling oils that have been contaminated with heavy "tramp"



**SECTION D. Source Level Requirements**

oils.

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



**SECTION E. Source Group Restrictions.**

**SECTION F. Alternative Operation Requirements.**

No Alternative Operations exist for this Title V facility.



**SECTION G. Emission Restriction Summary.**

No emission restrictions listed in this section of the permit.



**SECTION H. Miscellaneous.**

- (a) This Operating Permit, TVOP 41-00013, was originally issued on October 30, 2000 and expires on October 29, 2005.
- (b) Revision No. 1, issued on November 20, 2002 was an administrative amendment to include terms and conditions from plan approval OP-41-0007A for the operation of: a cold aluminum rolling mill #3 (Source ID P103), Busch Fume shield, Jet-Wall mill hooding, Busch Fume Shield mill closures, a Busch PPS filter system (ID # C003A), and a Durr horizontal regenerative thermal oxidizer (ID C003B). All revised conditions including monitoring, recordkeeping and reporting requirements became effective on November 20, 2002.
- (c) Revision No. 2 issued on September 23, 2004, was a minor operating permit modification to incorporate a restriction taken by Coastal Aluminum Rolling Mills to limit the total combined hazard air pollutants (HAPs) emissions to less than 25 tons and any individual hazardous air pollutant (HAP) emissions to less than 10 tons from all sources at this facility in any 12 consecutive month period. All new and revised requirements including monitoring, recordkeeping, and reporting conditions of the revised Title V operating became effective on September 23, 2004.
- (d) Revision No. 3 issued on December 1, 2006, was an administrative amendment to incorporate the terms and conditions of Plan Approval 41-00013B which was for the construction of Source P210 whose air contaminant emissions are controlled by a regenerative thermal oxidizer.
- (e) Revision No. 4, made on December 11, 2006, was a Department-initiated amendment to clarify the stack testing requirements for Source P210.
- (f) Revision No. 5, made on March 28, 2007, was a minor operating permit modification to change the frequency of stack testing for P210 and C210 from once every 3 years to once every 4 years and to add a requirement that an engineering analysis be performed on C210 once every four years.
- (g) Revision No. 6 made on July 26, 2007, was administratively amended in accordance with the requirements of 25 Pa. Code Section 127.450, to transfer the permit from Coastal Aluminum Rolling Mills, Inc. to JW Aluminum Company.
- (h) This operating permit was renewed on January 18, 2013.
- (i) This operating permit was renewed on January 18, 2018.
- (j) Revision No.7 made on September 21, 2021, was administratively amended in accordance with the requirements of 25 Pa. Code Section 127.450, to transfer the permit from JW Aluminum Company to Chance Group, LLC.

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

- (1) One Progressive ozone generator.
- (2) Floor Cleaning.
- (3) One (1) Cyclone Separator, Oliver model 496, to control the emissions from the the core shop and shall be vented internally at times.
- (4) One (1) electric sample curing oven, Blue M model CW-6680F (Intermix)
- (5) One (1) Slitting trim cyclone separator, 8'-0" x 16'-0" tall shall be vented internally at all times.
- (6) One (1) Mills trim cyclone separator, 12'-0" diamter x 21'-0" tall shall be vented internally at all times.
- (7) One (1) Welding fume extractor (maintenance shop)
- (8) One (1) 75-galon trash compctor hydraulic fluid tank (Bldg 7 West)
- (9) One (1) 125-gallon trash compactor hydraulic tank (Bldg 7 East)

**SECTION H. Miscellaneous.**

- (10) One (1) 240-gallon, hydraulic tank (Mill 3, Roll Balance)
- (11) One (1) 1,500-gallon oil tank (Mill 1 Bearing Oil, #008A)
- (12) One (1) 120-gallon oil tank (Mill 1 Bliss Screwdowns)
- (13) One (1) 100-gallon oil tank (Mill 1 Gear Oil)
- (14) One (1) 175-gallon oil tank (Mill 1 Payoff Hydraulics)
- (15) One (1) 500-gallon oil tank (Mill 2 Plannish, #006A)
- (16) One (1) 125-gallon oil tank (Mill 2 Pushups)
- (17) One (1) 250-gallon oil tank (Mill 2 Gear Oil)
- (18) One (1) 540-gallon oil tank (Mill 4 Auxiliary Hydraulics)
- (19) One (1) 120-gallon oil tank (Mill 4 Roll Balance)
- (20) One (1) 1,200-gallon oil tank (Mill 4 Gear oil, #0013A)
- (21) One (1) 1,300-gallon oil tank (Mill 3 Bearing Oil, #011A)
- (22) One (1) 550-gallon oil tank (Mill 3 Auxiliary Hydraulics)
- (23) One (1) 600-gallon oil tank (Mill 3 DSR Hydraulics)
- (24) One (1) 200-gallon oil tank (Mill 3 Gear Oil)
- (25) Two (2) Lab exhaust hoods (Line 8 area & Plant-wide QC lab)
- (26) One (1) cyclone separator, Grizzly model 0601 shall be vented internally at all times (Machine Shop)
- (27) One (1) dust collector, Grizzly model G05837 shall be vented internally at all times (Packing Area)
- (28) One (1) portable, 172 brake horsepower, Onan model 850, natural gas-fired emergency generator



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

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