



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

STATE ONLY OPERATING PERMIT

Issue Date: June 25, 2018

Effective Date: July 1, 2018

Expiration Date: June 30, 2023

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

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

State Only Permit No: 67-03091

Federal Tax Id - Plant Code: 23-2988577-1

Owner Information

Name: AMZ MFG CORP
Mailing Address: 2206 PENNSYLVANIA AVE
YORK, PA 17404-1790

Plant Information

Plant: AMZ MFG CORP/YORK
Location: 67 York County 67001 York City
SIC Code: 3471 Manufacturing - Plating And Polishing

Responsible Official

Name: JEFFERY L ADAMS
Title: PRES
Phone: (717) 848 - 2565

Permit Contact Person

Name: JEFFERY L ADAMS
Title: PRES
Phone: (717) 848 - 2565

[Signature] _____
WILLIAM R. WEAVER, SOUTH CENTRAL REGION AIR PROGRAM MANAGER



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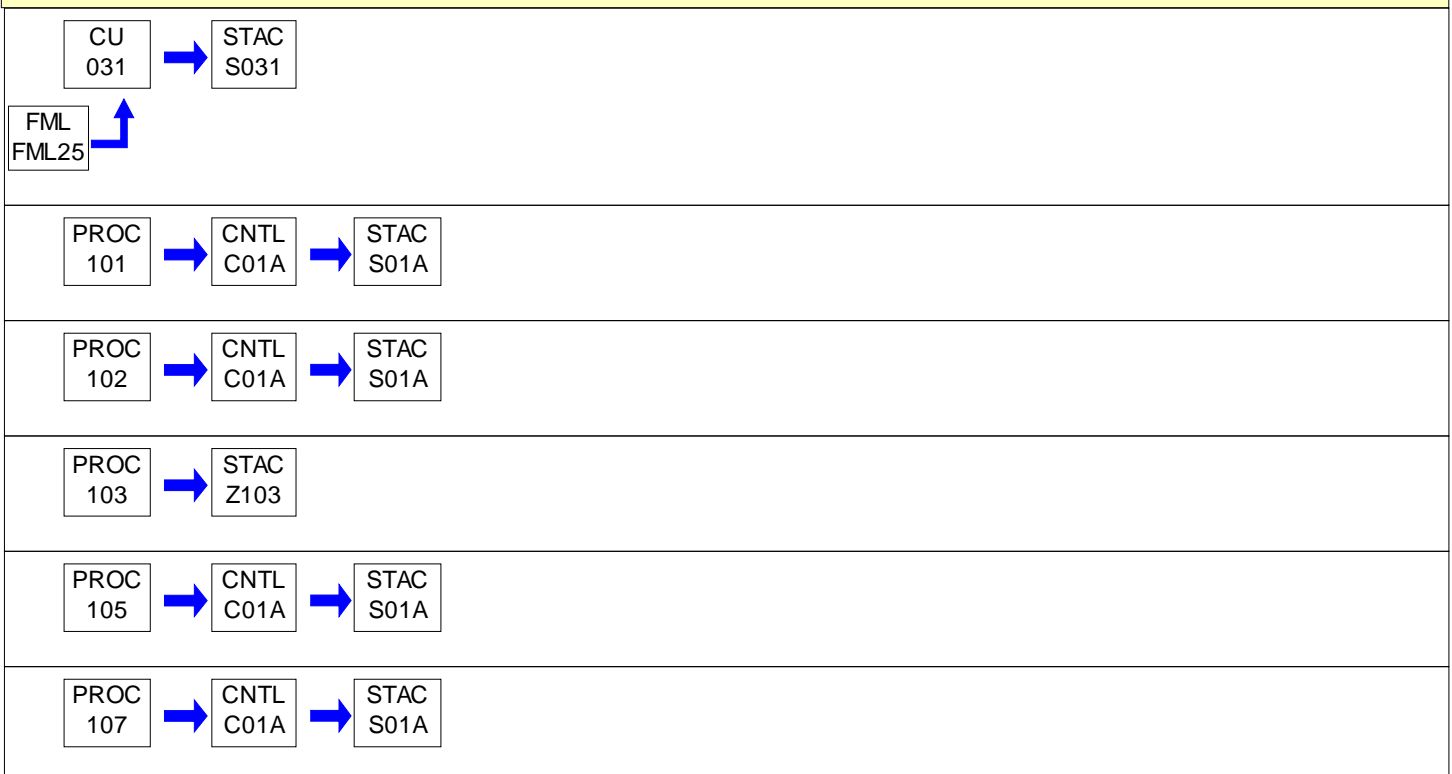
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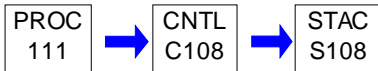
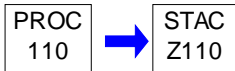
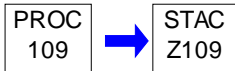
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Source ID	Source Name	Capacity/Throughput		Fuel/Material
031	NG-FIRED BOILER	5.021	MMBTU/HR	
		5.021	MCF/HR	Natural Gas
101	ZINC PLATING LINE (# 1)	720.000	Sq Ft/HR	ZINC PHOSPHATE
102	CYANIDE CD/ALKALINE ZN PLATING LINE (# 2)	720.000	Sq Ft/HR	CADMIUM & ZINC
103	NI/CYANIDE CU PLATING LINE (# 3)	32.000	Sq Ft/HR	NICKEL & COPPER
105	CADMIUM/ZINC BARREL PLATING LINE (# 5)	210.000	Sq Ft/HR	CADMIUM & ZINC
107	ELECTROLESS NI PLATING LINE (# 6)	412.000	Sq Ft/HR	NICKEL
108	ELECTROLESS NI/SN PLATING LINE (# 8)	572.000	Sq Ft/HR	NICKEL & TIN
109	PASSIVATE/MAGNESIUM PHOSPHATE PLATING LINE (# 7)	160.000	Sq Ft/HR	SILVER & NICKEL
110	SILVER/GOLD/NI/COPPER PLATING LINE (# 10)	232.000	Sq Ft/HR	SILVER/GOLD/NI/CU
111	CHEM FILM (CHROMATE) PLATING LINE (LINE # 9)	N/A		
C01A	BIG SCRUBBER			
C108	GROUP 002 SCRUBBER			
FML25	NATURAL GAS PIPELINE			
S01A	SOURCE C01A (BIGSCRUBBER) STACK			
S031	SOURCE 031 STACK			
S108	GROUP 002 SCRUBBER STACK			
Z103	SOURCE 103 FUGITIVE EMISSIONS			
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PERMIT MAPS

PERMIT MAPS

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

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

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

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

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

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

SECTION B. General State Only Requirements

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

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

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

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

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

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

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

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

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

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

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

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

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

(2) One ton of NO_x from a single source during the term of the permit and 5 tons of NO_x at the facility during the term of the permit.

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

(4) Six-tenths of a ton of PM₁₀ from a single source during the term of the permit and 3.0 tons of PM₁₀ at the facility during the term of the permit. This shall include emissions of a pollutant regulated under Section 112 of the Clean Air Act unless precluded by the Clean Air Act, the regulations thereunder or 25 Pa. Code Article III.

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

(g) Except for de minimis emission increases, installation of minor sources made pursuant to this permit condition and Plan Approval Exemptions under 25 Pa. Code § 127.14 (relating to exemptions), the permittee is prohibited from making changes or engaging in activities that are not specifically authorized under this permit without first applying for a plan approval. In accordance with § 127.14(b), a plan approval is not required for the construction, modification, reactivation, or installation of the sources creating the de minimis emissions increase.

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

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

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

(1) Section 127.14 (relating to exemptions)

(2) Section 127.447 (relating to alternative operating scenarios)

(3) Section 127.448 (relating to emissions trading at facilities with Federally enforceable emissions caps)

(4) Section 127.449 (relating to de minimis emission increases)

(5) Section 127.450 (relating to administrative operating permit amendments)

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

The permittee shall not allow the emission into the outdoor atmosphere of a fugitive air contaminant from a source other than the following:

- (a) Construction or demolition of buildings or structures.
- (b) Grading, paving and maintenance of roads and streets.
- (c) Use of roads and streets. Emissions from material in or on trucks, railroad cars, and other vehicular equipment are not considered as emissions from use of roads and streets.
- (d) Clearing of land.
- (e) Stockpiling of materials.
- (f) Sources and classes of sources other than those identified in (a)-(e), above, for which the permittee has obtained a determination from the Department, in accordance with 25 Pa. Code §123.1(b), that fugitive emissions from the source, after appropriate control, meet the following requirements:
 - (1) The emissions are of minor significance with respect to causing air pollution; and
 - (2) The emissions are not preventing or interfering with the attainment or maintenance of any ambient air quality standard.

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

The permittee shall not allow the emission of fugitive particulate matter into the outdoor atmosphere from a source specified in Section C, Condition #001(a)-(f), if the emissions are visible at the point the emissions pass outside the permittee's property.

003 [25 Pa. Code §123.31]**Limitations**

The permittee shall not allow the emission into the outdoor atmosphere of any malodorous air contaminants from any source in such a manner that the malodors are detectable outside the permittee's property.

004 [25 Pa. Code §123.41]**Limitations**

The permittee shall not allow the emission into the outdoor atmosphere of visible air contaminants in such a manner that the opacity of the emission is either of the following:

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

005 [25 Pa. Code §123.42]**Exceptions**

The emission limitations of Section C, Condition #004, shall not apply when:

- (a) The presence of uncombined water is the only reason for failure of the emission to meet the limitations.
- (b) The emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions.
- (c) The emission results from sources specified in Section C, Condition #001(a)-(f).

**SECTION C. Site Level Requirements****# 006 [25 Pa. Code §129.14]****Open burning operations**

The permittee shall not allow the open burning of material on the permittee's property except when the open burning operations result from:

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

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

The Department reserves the right to require exhaust stack testing of the sources referenced in this operating permit to measure emissions for purposes including verification of operating permit condition compliance and estimation of annual air emissions.

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 any source. In the request, the Department will set forth 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, at 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 fuel firing rate, boiler pressure or temperature, pressure differential across the scrubber, and other conditions which may affect emissions from the process.
 - (3) The location of the sampling ports.
 - (4) Effluent characteristics, including velocity, temperature, moisture content, gas density (percentage CO, CO₂, O₂, and N₂), static and barometric pressures.
 - (5) Sample collection techniques employed, including procedures used, equipment descriptions, and data to verify that isokinetic sampling for particulate matter collection occurred and that acceptable test conditions were met.
 - (6) Laboratory procedures and results.
 - (7) Calculated results.

**SECTION C. Site Level Requirements****III. MONITORING REQUIREMENTS.****# 010 [25 Pa. Code §123.43]****Measuring techniques**

The permittee shall measure visible emissions (referenced in Section C, Conditions #004, #005, and #011) using either of the following:

- (a) A device approved by the Department and maintained to provide accurate opacity measurements (e.g., Continuous Opacity Monitor).
- (b) Observers trained and certified in EPA Reference Method 9 to measure plume opacity with the naked eye; or with the aid of any device(s) approved by the Department.

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

The permittee shall conduct a weekly inspection around the plant periphery during daylight hours when the plant is in production to detect visible emissions, fugitive particulate matter emissions, and malodorous air contaminants. Weekly inspections are necessary to determine:

- (a) The presence of visible emissions as stated in Section C, Condition #004. Visible emissions may be measured according to the methods specified in Section C, Condition #010. Alternately, plant personnel who observe visible emissions may report the incidence of visible emissions to the Department within two (2) hours of the incident and make arrangements for a certified observer to measure the visible emissions.
- (b) The presence of fugitive particulate matter emissions beyond the plant property boundaries, as stated in Section C, Condition #002.
- (c) The presence of malodorous air contaminants beyond the plant property boundaries, as stated in Section C, Condition #003.

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

(a) The permittee shall maintain records of the weekly inspections referenced in Section C, Condition #011. The records shall include, at a minimum, the following information:

- (1) The name of the company representative monitoring each inspection.
 - (2) The date and time of each inspection.
 - (3) The wind direction during each inspection.
 - (4) A description of the visible emissions, fugitive particulate matter emissions (beyond the plant property boundaries), and malodorous air contaminants (beyond the plant property boundaries) observed, if any, and actions taken to mitigate them. If no visible emissions or fugitive particulate matter emissions or malodors are observed, then document that none were observed.
- (b) The permittee shall retain these records for a minimum of five (5) years. The records shall be made available to the Department upon its request.

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

- (a) The permittee shall maintain records of the annual usage of each fuel consumed at the entire facility.
- (b) The permittee shall retain these records for a minimum of five (5) years. The records shall be made available to the Department upon its request.

**SECTION C. Site Level Requirements****V. REPORTING REQUIREMENTS.****# 014 [25 Pa. Code §127.442]****Reporting requirements.**

The permittee shall report malfunctions to the Department. A malfunction is any sudden, infrequent and not reasonably preventable failure of air pollution control or monitoring equipment, process equipment, or a process to operate in a normal or usual manner that may result in an increase in air emissions. Failures that are caused in part by poor maintenance or careless operation are not malfunctions. Malfunctions shall be reported as follows:

(a) Any malfunction which poses an imminent danger to the public health, safety, welfare, and environment, shall be immediately reported to the Department by telephone. The telephone report of such malfunctions shall occur no later than two (2) hours after the incident. The permittee shall submit a written report of instances of such malfunctions to the Department within three (3) days of the telephone report.

- (1) The notice shall describe the following:
- (i) name and location of the facility;
 - (ii) nature and cause of the malfunction;
 - (iii) time when the malfunction was first observed;
 - (iv) expected duration of excess emissions; and
 - (v) estimated rate of emissions.

(2) The permittee shall notify the Department immediately when corrective measures have been accomplished.

(3) Subsequent to the malfunction, the owner or operator shall submit a full report of the malfunction to the Department within 15 days, if requested.

(4) The owner or operator shall submit reports on the operation and maintenance of the source to the Department at such intervals and in such form and detail as may be required by the Department. Information required in the reports may include, but is not limited to, process weight rates, firing rates, hours of operation, and maintenance schedules.

(b) Unless otherwise required by this operating permit, any other malfunction that is not subject to the reporting requirements of part (a), above, shall be reported to the Department, in writing, within five (5) days of malfunction discovery.

(c) Malfunctions shall be reported to the Department at the following address:

PA DEP
York District Office
Air Quality Program
150 Roosevelt Avenue
York, PA 17401

Telephone reports shall be made to the Department's Air Quality Program at 717.771.4481 during normal business hours or to the Department's Emergency Hotline at 866.825.0208 at any time.

VI. WORK PRACTICE REQUIREMENTS.**# 015 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

The permittee shall take all reasonable actions to prevent particulate matter from becoming airborne from any source specified in Section C, Condition #001(a)-(f). These actions shall include, but not be limited to, the following:

- (a) Use, where possible, of water or chemicals for control of dust in the demolition of buildings or structures, construction operations, the grading of roads, or the clearing of land.
- (b) Application of asphalt, oil, water, or suitable chemicals on dirt roads, material stockpiles and other surfaces which may give rise to airborne dusts.
- (c) Paving and maintenance of roadways.

**SECTION C. Site Level Requirements**

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

016 [25 Pa. Code §127.444]**Compliance requirements.**

The permittee shall operate and maintain all sources and any air cleaning devices identified in this operating permit in accordance with the manufacturer's recommendations/specifications, as well as in a manner consistent with good operating and air pollution control practices that minimize air emissions.

VII. ADDITIONAL REQUIREMENTS.

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

VIII. COMPLIANCE CERTIFICATION.

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

IX. COMPLIANCE SCHEDULE.

No compliance milestones exist.

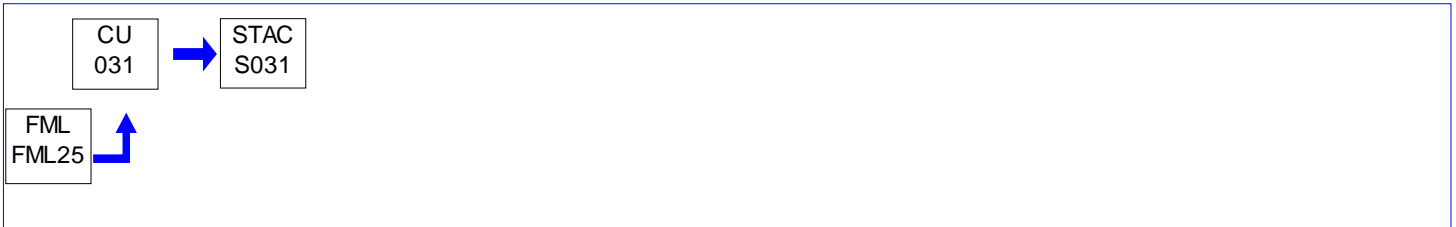
SECTION D. Source Level Requirements

Source ID: 031

Source Name: NG-FIRED BOILER

Source Capacity/Throughput: 5.021 MMBTU/HR

5.021 MCF/HR Natural Gas

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

001 [25 Pa. Code §123.11]

Combustion units

The permittee shall not allow the emission of particulate matter into the outdoor atmosphere from Source ID 031 in excess of 0.4 pound per million BTU of heat input.

002 [25 Pa. Code §123.22]

Combustion units

The permittee shall not allow the emission into the outdoor atmosphere of sulfur oxides, expressed as SO₂, from Source ID 031 in excess of four (4) pounds per million BTU of heat input over any one (1) hour period.

[Compliance with the requirement(s) specified in this streamlined permit condition assures compliance with the SIP-approved sulfur dioxide emission limit specified in 40 CFR 52.2020(c)(1)]

Fuel Restriction(s).

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall operate Source ID 031 using natural gas fuel only.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

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

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

VII. ADDITIONAL REQUIREMENTS.

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

**SECTION D. Source Level Requirements**

Source ID: 101

Source Name: ZINC PLATING LINE (# 1)

Source Capacity/Throughput: 720.000 Sq Ft/HR ZINC PHOSPHATE

Conditions for this source occur in the following groups: 001

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

SECTION D. Source Level Requirements

Source ID: 102

Source Name: CYANIDE CD/ALKALINE ZN PLATING LINE (# 2)

Source Capacity/Throughput: 720.000 Sq Ft/HR CADMIUM & ZINC

Conditions for this source occur in the following groups: 001
003**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Requirements**

Source ID: 103

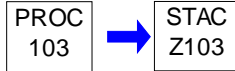
Source Name: NI/CYANIDE CU PLATING LINE (# 3)

Source Capacity/Throughput:

32.000 Sq Ft/HR

NICKEL & COPPER

Conditions for this source occur in the following groups: 003

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

SECTION D. Source Level Requirements

Source ID: 105

Source Name: CADMIUM/ZINC BARREL PLATING LINE (# 5)

Source Capacity/Throughput: 210.000 Sq Ft/HR CADMIUM & ZINC

Conditions for this source occur in the following groups: 001
003**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

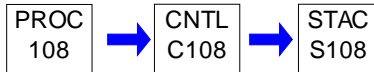
No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Requirements**

Source ID: 108

Source Name: ELECTROLESS NI/SN PLATING LINE (# 8)

Source Capacity/Throughput: 572.000 Sq Ft/HR NICKEL & TIN

Conditions for this source occur in the following groups: 002
003**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

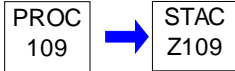
SECTION D. Source Level Requirements

Source ID: 109

Source Name: PASSIVATE/MAGNESIUM PHOSPHATE PLATING LINE (# 7)

Source Capacity/Throughput: 160.000 Sq Ft/HR SILVER & NICKEL

Conditions for this source occur in the following groups: 003

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Requirements**

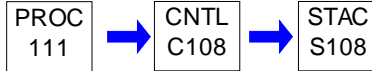
Source ID: 111

Source Name: CHEM FILM (CHROMATE) PLATING LINE (LINE # 9)

Source Capacity/Throughput:

N/A

Conditions for this source occur in the following groups: 002

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

**SECTION E. Source Group Restrictions.**

Group Name: 001

Group Description: SOURCES CONTROLLED BY SOURCE ID C01A SCRUBBER

Sources included in this group

ID	Name
101	ZINC PLATING LINE (# 1)
102	CYANIDE CD/ALKALINE ZN PLATING LINE (# 2)
105	CADMIUM/ZINC BARREL PLATING LINE (# 5)
107	ELECTROLESS NI PLATING LINE (# 6)

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

001 [25 Pa. Code §123.13]

Processes

Particulate matter emissions from Source Group 001's scrubber exhaust shall not exceed 0.04 grain per dry standard cubic foot.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall operate and maintain instrumentation to measure and display the pressure differential across Source Group 001's scrubber.

IV. RECORDKEEPING REQUIREMENTS.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall monitor and record the pressure differential across Source Group 001's scrubber. The pressure differential shall be recorded a minimum of once per week while one or more of the Source Group 001 plating lines, as well as the scrubber, are operating.

(b) The permittee shall retain these records for a minimum of five (5) years and shall make them available to the Department upon its request.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall maintain detailed records of all maintenance performed on Source Group 001's scrubber.

(b) The permittee shall retain these records for a minimum of five (5) years and shall make them available to the Department upon its request.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall operate the scrubber at all times that any of the Source Group 001 plating lines are operating.

SECTION E. Source Group Restrictions.**# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall operate and maintain Source Group 001's scrubber in accordance with the manufacturer's specifications.

VII. ADDITIONAL REQUIREMENTS.

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

**SECTION E. Source Group Restrictions.**

Group Name: 002

Group Description: SOURCES CONTROLLED BY SOURCE ID C108 SCRUBBER

Sources included in this group

ID	Name
108	ELECTROLESS NI/SN PLATING LINE (# 8)
111	CHEM FILM (CHROMATE) PLATING LINE (LINE # 9)

I. RESTRICTIONS.**Emission Restriction(s).****# 001 [25 Pa. Code §127.1]****Purpose.**

[Additional authority for this permit condition is also derived from Plan Approval No. 67-03091]

Particulate matter (PM) emissions from Group 002's scrubber exhaust shall not exceed 0.02 grain per dry standard cubic foot.

[Compliance with the requirement(s) specified in this streamlined plan approval condition assures compliance with the PM emission limit specified in 25 Pa. Code Section 123.13(c)(1)(i)]

II. TESTING REQUIREMENTS.

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

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

[Additional authority for this permit condition is also derived from Plan Approval No. 67-03091]

The permittee shall operate and maintain instrumentation to measure and display the pressure differential across Group 002's scrubber.

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

[Additional authority for this permit condition is also derived from Plan Approval No. 67-03091]

(a) The permittee shall monitor and record the pressure differential across Group 002's scrubber. The pressure differential shall be recorded a minimum of once per week while at least one Group 002 source and its scrubber are operating.

(b) The permittee shall retain these records for a minimum of five (5) years and shall make them available to the Department upon its request.

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

[Additional authority for this permit condition is also derived from Plan Approval No. 67-03091]

(a) The permittee shall maintain detailed records of all maintenance performed on Group 002's scrubber.

(b) The permittee shall retain these records for a minimum of five (5) years and shall make them available to the Department upon its request.

V. REPORTING REQUIREMENTS.

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

**SECTION E. Source Group Restrictions.****VI. WORK PRACTICE REQUIREMENTS.****# 005 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from Plan Approval No. 67-03091]

The permittee shall operate the scrubber at all times that at least one Group 002 source is operating.

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

The permittee shall operate and maintain Group 002's scrubber in accordance with the manufacturer's specifications.

VII. ADDITIONAL REQUIREMENTS.

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

**SECTION E. Source Group Restrictions.**

Group Name: 003

Group Description: SOURCES SUBJECT TO MACT SUBPART WWWWWW

Sources included in this group

ID	Name
102	CYANIDE CD/ALKALINE ZN PLATING LINE (# 2)
103	NI/CYANIDE CU PLATING LINE (# 3)
105	CADMIUM/ZINC BARREL PLATING LINE (# 5)
107	ELECTROLESS NI PLATING LINE (# 6)
108	ELECTROLESS NI/SN PLATING LINE (# 8)
109	PASSIVATE/MAGNESIUM PHOSPHATE PLATING LINE (# 7)
110	SILVER/GOLD/NI/COPPER PLATING LINE (# 10)

I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.**# 001 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11509]****Subpart WWWWWW - National Emission Standards for Hazardous Air Pollutants: Area Source Standards for Plating and Polishing Operations****What are my notification, reporting, and recordkeeping requirements?**

(e) You must keep the records specified in 40 CFR §63.11509(e)(1) through (3), below.

(1) A copy of any Initial Notification and Notification of Compliance Status that you submitted and all documentation supporting those notifications.

(2) The records specified in 40 CFR §63.10(b)(2)(i) through (iii) and (xiv) of the General Provisions of 40 CFR Part 63.

(3) The records required to show continuous compliance with each management practice and equipment standard that applies to you, as specified in 40 CFR §63.11508(d), "What are my compliance requirements?"

(f) You must keep each record for a minimum of 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record. You must keep each record on-site for at least 2 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, according to 40 CFR §63.10(b)(1) of the General Provisions to 40 CFR Part 63. You may keep the records off-site for the remaining 3 years.

[73 FR 37741, July 1, 2008, as amended at 76 FR 57920, Sept. 19, 2011]

40 CFR §63.10(b)(1) & (b)(2)(i) through (iii) and (xiv) states the following:

(b) General recordkeeping requirements.

(1) The owner or operator of an affected source subject to the provisions of 40 CFR Part 63 shall maintain files of all information (including all reports and notifications) required by 40 CFR Part 63 recorded in a form suitable and readily

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available for expeditious inspection and review. The files shall be retained for at least 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record. At a minimum, the most recent 2 years of data shall be retained on-site. The remaining 3 years of data may be retained off-site. Such files may be maintained on microfilm, on a computer, on computer floppy disks, on magnetic tape disks, or on microfiche.

(2) The owner or operator of an affected source subject to the provisions of 40 CFR Part 63 shall maintain relevant records for such source of:

(i) [N/A - MACT SUBPART WWWWWW DOES NOT INCLUDE ANY APPLICABLE EMISSION LIMITATIONS];

(ii) The occurrence and duration of each malfunction of operation (i.e., process equipment) or the required air pollution control and monitoring equipment;

(iii) All required maintenance performed on the air pollution control and monitoring equipment; and

(xiv) All documentation supporting initial notifications and notifications of compliance status under 40 CFR §63.9.

V. REPORTING REQUIREMENTS.**# 002 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11509]****Subpart WWWWWW - National Emission Standards for Hazardous Air Pollutants: Area Source Standards for Plating and Polishing Operations****What are my notification, reporting, and recordkeeping requirements?**

(a) [AMZ SUBMITTED THE INITIAL NOTIFICATION TO U.S. EPA AND THE DEPARTMENT VIA LETTER DATED 1/24/13]

(b) If you own or operate an affected source, you must submit a Notification of Compliance Status in accordance with 40 CFR §63.11509(b)(1) through (3), below.

(1) [AMZ SUBMITTED THE NOTIFICATION OF COMPLIANCE STATUS TO U.S. EPA AND THE DEPARTMENT VIA LETTER DATED 2/28/13]

(2) The Notification of Compliance Status must include the items specified in 40 CFR §63.11509(b)(2)(i) through (iv), below.

(i) List of affected sources and the plating and polishing metal HAP used in, or emitted by, those sources.

(ii) Methods used to comply with the applicable management practices and equipment standards.

(iii) Description of the capture and emission control systems used to comply with the applicable equipment standards.

(iv) Statement by the owner or operator of the affected source as to whether the source is in compliance with the applicable standards or other requirements.

(3) If a facility makes a change to any items in 40 CFR §63.11509(b)(2)(i), (iii), and (iv), above, that does not result in a deviation, an amended Notification of Compliance Status should be submitted within 30 days of the change.

(c) If you own or operate an affected source, you must prepare an annual certification of compliance report according to 40 CFR §63.11509(c)(1) through (7), below. These reports do not need to be submitted unless a deviation from the requirements of MACT Subpart WWWWWW has occurred during the reporting year, in which case the annual compliance report must be submitted along with the deviation report.

(1) If you own or operate an affected electroplating, electroforming, or electropolishing tank that is subject to the requirements in 40 CFR §63.11507(a)(1), "What are my standards and management practices?", you must state in your annual compliance certification that you have added wetting agent/fume suppressant to the bath according to the manufacturer's specifications and instructions.

(2) If you own or operate any one of the affected sources listed in 40 CFR §63.11509(c)(2)(i) through (iii), below, you must state in your annual compliance certification that you have operated and maintained the control system according to the

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manufacturer's specifications and instructions.

(i) Electroplating, electroforming, or electropolishing tank that is subject to the requirements in 40 CFR §63.11507(a), "What are my standards and management practices?", and you use a control system to comply with MACT Subpart WWWWWW;

(ii) [N/A - AMZ DOES NOT OPERATE ANY DRY MECHANICAL POLISHING OPERATIONS]

(iii) [N/A - AMZ DOES NOT OPERATE ANY PERMANENT THERMAL SPRAYING OPERATIONS]

(3) [N/A - AMZ DOES NOT OPERATE ANY "FLASH" OR SHORT-TERM ELECTROPLATING TANKS]

(4) If you own or operate an affected batch electrolytic process tank that is subject to the requirements of 40 §63.11507(a) or a flash or short-term electroplating tank that is subject to the requirements in 40 CFR §63.11507(b), "What are my standards and management practices?", and you comply with 40 CFR §11507(a), (b) or (c) by operating the affected tank with a cover, you must state in your annual compliance certification that you have operated the tank with the cover in place at least 95 percent of the electrolytic process time.

(5) [N/A - AMZ DOES NOT OPERATE ANY CONTINUOUS ELECTROLYTIC PROCESS TANKS]

(6) If you own or operate an affected tank or other affected plating and polishing operation that is subject to the management practices specified in 40 CFR §63.11507(g), "What are my standards and management practices?", you must state in your annual compliance certification that you have implemented the applicable management practices, as practicable.

(7) Each annual compliance certification report must be prepared no later than January 31 of the year immediately following the reporting period and kept in a readily-accessible location for inspector review. If a deviation has occurred during the year, each annual compliance certification report must be submitted along with the deviation report, and postmarked or delivered no later than January 31 of the year immediately following the reporting period.

(d) If you own or operate an affected source, and any deviations from the compliance requirements specified in MACT Subpart WWWWWW occurred during the year, you must report the deviations, along with the corrective action taken, and submit this report to the delegated authority.

[73 FR 37741, July 1, 2008, as amended at 76 FR 57920, Sept. 19, 2011]

VI. WORK PRACTICE REQUIREMENTS.

003 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11507]

Subpart WWWWWW - National Emission Standards for Hazardous Air Pollutants: Area Source Standards for Plating and Polishing Operations

What are my standards and management practices?

(a) If you own or operate an affected new or existing non-cyanide electroplating, electroforming, or electropolishing tank (hereafter referred to as an "electrolytic" process tank, as defined in 40 CFR §63.11511, "What definitions apply to this subpart?") that contains one or more of the plating and polishing metal HAP and operates at a pH of less than 12, you must comply with the requirements in 40 CFR §63.11507(a)(1), (2), or (3), below, and implement the applicable management practices in 40 CFR §63.11507(g), below, as practicable.

(1) You must use a wetting agent/fume suppressant in the bath of the affected tank, as defined in 40 CFR §63.11511, "What definitions apply to this subpart?", and according to 40 CFR §63.11507(a)(1)(i) through (iii), below.

(i) You must initially add the wetting agent/fume suppressant in the amounts recommended by the manufacturer for the specific type of electrolytic process.

(ii) You must add wetting agent/fume suppressant in proportion to the other bath chemistry ingredients that are added to replenish the bath, as in the original make-up of the bath, or in proportions such that the bath contents are returned to that of the original make-up of the bath.

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(iii) If a wetting agent/fume suppressant is included in the electrolytic process bath chemicals used in the affected tank according to the manufacturer's instructions, it is not necessary to add additional wetting agent/fume suppressants to the tank to comply with this rule.

(2) You must capture and exhaust emissions from the affected tank to any one of the following emission control devices: composite mesh pad, packed bed scrubber, or mesh pad mist eliminator, according to 40 CFR §63.11507(a)(2)(i) and (ii), below.

(i) You must operate all capture and control devices according to the manufacturer's specifications and operating instructions.

(ii) You must keep the manufacturer's specifications and operating instructions at the facility at all times in a location where they can be easily accessed by the operators.

(3) You must cover the tank surface according to 40 CFR §63.11507(a)(3)(i) or (ii), below.

(i) For batch electrolytic process tanks, as defined in 40 CFR §63.11511, "What definitions apply to this subpart?", you must use a tank cover, as defined in 40 CFR §63.11511, over all of the effective surface area of the tank for at least 95 percent of the electrolytic process operating time.

(ii) [N/A - AMZ DOES NOT OPERATE ANY CONTINUOUS ELECTROLYTIC PROCESS TANKS AS DEFINED IN 40 CFR §63.11511]

(b) [N/A - AMZ DOES NOT OPERATE ANY "FLASH" OR SHORT-TERM ELECTROPLATING TANKS AS DEFINED IN 40 CFR §63.11511]

(c) [N/A - AMZ DOES NOT OPERATE ANY PROCESS TANKS USED BOTH FOR SHORT-TERM ELECTROPLATING AND FOR ELECTROLYTIC PROCESSING OF LONGER DURATION (i.e., PROCESSING THAT DOES NOT MEET THE DEFINITION OF SHORT-TERM OR FLASH ELECTROPLATING AS DEFINED IN 40 CFR §63.11511)]

(d) If you own or operate an affected new or existing electroplating tank that uses cyanide in the plating bath, operates at pH greater than or equal to 12, and contains one or more of the plating and polishing metal HAP, you must comply with the requirements in 40 CFR §63.11507(d)(1) and (2), below:

(1) You must measure and record the pH of the bath upon startup of the bath, as defined in 40 CFR §63.11511, "What definitions apply to this subpart?" No additional pH measurements are required.

(2) You must implement the applicable management practices in 40 CFR §63.11507(g), below, as practicable.

(e) [N/A - AMZ DOES NOT OPERATE ANY DRY MECHANICAL POLISHING MACHINES]

(f) [N/A - AMZ DOES NOT OPERATE ANY THERMAL SPRAYING OPERATIONS]

(g) If you own or operate an affected new or existing plating and polishing process unit that contains, applies, or emits one or more of the plating and polishing metal HAP, you must implement the applicable management practices in 40 CFR §63.11507(g)(1) through (12), below, as practicable.

(1) Minimize bath agitation when removing any parts processed in the tank, as practicable, except when necessary to meet part quality requirements.

(2) Maximize the draining of bath solution back into the tank, as practicable, by extending drip time when removing parts from the tank; using drain boards (also known as drip shields); or withdrawing parts slowly from the tank, as practicable.

(3) Optimize the design of barrels, racks, and parts to minimize dragout of bath solution (such as by using slotted barrels and tilted racks, or by designing parts with flow-through holes to allow the tank solution to drip back into the tank), as practicable.

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- (4) Use tank covers, if already owned and available at the facility, whenever practicable.
- (5) Minimize or reduce heating of process tanks, as practicable (e.g., when doing so would not interrupt production or adversely affect part quality).
- (6) Perform regular repair, maintenance, and preventive maintenance of racks, barrels, and other equipment associated with affected sources, as practicable.
- (7) Minimize bath contamination, such as through the prevention or quick recovery of dropped parts, use of distilled/de-ionized water, water filtration, pre-cleaning of parts to be plated, and thorough rinsing of pre-treated parts to be plated, as practicable.
- (8) Maintain quality control of chemicals, and chemical and other bath ingredient concentrations in the tanks, as practicable.
- (9) Perform general good housekeeping, such as regular sweeping or vacuuming, if needed, and periodic washdowns, as practicable.
- (10) Minimize spills and overflow of tanks, as practicable.
- (11) [N/A - AMZ DOES NOT OPERATE ANY CONTINUOUS OR REEL-TO-REEL PLATING TANKS]
- (12) Perform regular inspections to identify leaks and other opportunities for pollution prevention.

[73 FR 37741, July 1, 2008, as amended at 76 FR 57920, Sept. 19, 2011]

004 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11508]

Subpart WWWWWW - National Emission Standards for Hazardous Air Pollutants: Area Source Standards for Plating and Polishing Operations

What are my compliance requirements?

- (a) [AMZ SUBMITTED THE NOTIFICATION OF COMPLIANCE STATUS TO U.S. EPA AND THE DEPARTMENT VIA LETTER DATED 1/24/13]
- (b) You must be in compliance with the applicable management practices and equipment standards in MACT Subpart WWWWWW at all times.
- (c) To demonstrate initial compliance, you must satisfy the requirements specified in 40 CFR §63.11508(c)(1) through (11), below.
 - (1) If you own or operate an affected electroplating, electroforming, or electropolishing tank that contains one or more of the plating and polishing metal HAP and is subject to the requirements in 40 CFR §63.11507(a), "What are my standards and management practices?", and you use a wetting agent/fume suppressant to comply with MACT Subpart WWWWWW, you must demonstrate initial compliance according to 40 CFR §63.11508(c)(1)(i) through (iv), below.
 - (i) You must add wetting agent/fume suppressant to the bath of each affected tank according to manufacturer's specifications and instructions.
 - (ii) You must state in your Notification of Compliance Status that you add wetting agent/fume suppressant to the bath according to manufacturer's specifications and instructions.
 - (iii) You must implement the applicable management practices specified in 40 §63.11507(g), "What are my standards and management practices?", as practicable.
 - (iv) You must state in your Notification of Compliance Status that you have implemented the applicable management practices specified in 40 CFR §63.11507(g), "What are my standards and management practices?", as practicable.
 - (2) If you own or operate an affected electroplating, electroforming, or electropolishing tank that contains one or more of the

**SECTION E. Source Group Restrictions.**

plating and polishing metal HAP and is subject to the requirements in 40 CFR §63.11507(a), "What are my standards and management practices?", and you use a control system, as defined in 40 CFR §63.11511, "What definitions apply to this subpart?", to comply with MACT Subpart WWWW, you must demonstrate initial compliance according to 40 CFR §63.11508(c)(2)(i) through (v), below.

(i) You must install a control system designed to capture emissions from the affected tank and exhaust them to a composite mesh pad, packed bed scrubber, or mesh pad mist eliminator.

(ii) You must state in your Notification of Compliance Status that you have installed the control system according to the manufacturer's specifications and instructions.

(iii) You must implement the applicable management practices specified in 40 CFR §63.11507(g), "What are my standards and management practices?", as practicable.

(iv) You must state in your Notification of Compliance Status that you have implemented the applicable management practices specified in 40 CFR §63.11507(g), "What are my standards and management practices?", as practicable.

(v) You must follow the manufacturer's specifications and operating instructions for the control systems at all times.

(3) If you own or operate an affected batch electrolytic process tank, as defined in 40 CFR §63.11511, "What definitions apply to this subpart?", that contains one or more of the plating and polishing metal HAP and which is subject to the requirements in 40 CFR §63.11507(a), "What are my standards and management practices?" and you use a tank cover, as defined in 40 CFR §63.11511, to comply with 40 CFR §11507(a), (b) or (c), you must demonstrate initial compliance according to 40 CFR §63.11508(c)(3)(i) through (iv), below.

(i) You must install a tank cover on the affected tank.

(ii) You must state in your Notification of Compliance Status that you operate the tank with the cover in place at least 95 percent of the electrolytic process operating time.

(iii) You must implement the applicable management practices specified in 40 CFR §63.11507(g), "What are my standards and management practices?", as practicable.

(iv) You must state in your Notification of Compliance Status that you have implemented the applicable management practices specified in 40 CFR §63.11507(g), "What are my standards and management practices?", as practicable.

(4) [N/A - AMZ DOES NOT OPERATE ANY CONTINUOUS ELECTROLYTIC PROCESS TANKS]

(5) [N/A - AMZ DOES NOT OPERATE ANY "FLASH" OR SHORT-TERM ELECTROPLATING TANKS]

(6) [N/A - AMZ DOES NOT OPERATE ANY "FLASH" OR SHORT-TERM ELECTROPLATING TANKS]

(7) If you own or operate an affected tank that contains one or more of the plating and polishing metal HAP, uses cyanide in the bath, and is subject to the management practices specified in 40 CFR §63.11507(d), "What are my standards and management practices?", you must demonstrate initial compliance according to 40 CFR §63.11508(c)(7)(i) through (iii), below.

(i) You must report in your Notification of Compliance Status the pH of the bath solution that was measured at startup, as defined in 40 CFR §63.11511, according to the requirements of 40 CFR §63.11507(d)(1).

(ii) You must implement the applicable management practices specified in 40 CFR §63.11507(g), "What are my standards and management practices?", as practicable.

(iii) You must state in your Notification of Compliance Status that you have implemented the applicable management practices specified in 40 CFR §63.11490(g), "What are my standards and management practices?", as practicable.

(8) [N/A - AMZ DOES NOT OPERATE ANY DRY MECHANICAL POLISHING OPERATIONS]

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(9) [N/A - AMZ DOES NOT OPERATE ANY PERMANENT THERMAL SPRAYING OPERATIONS]

(10) [N/A - AMZ DOES NOT OPERATE ANY PERMANENT THERMAL SPRAYING OPERATIONS]

(11) [N/A - AMZ DOES NOT OPERATE ANY TEMPORARY THERMAL SPRAYING OPERATIONS]

(d) To demonstrate continuous compliance with the applicable management practices and equipment standards specified in MACT Subpart WWWWWWW, you must satisfy the requirements specified in 40 CFR §63.11508(d)(1) through (8), below.

(1) You must always operate and maintain your affected source, including air pollution control equipment.

(2) You must prepare an annual compliance certification according to the requirements specified in 40 CFR §63.11509(c), "Notification, Reporting, and Recordkeeping," and keep it in a readily-accessible location for inspector review.

(3) If you own or operate an affected electroplating, electroforming, or electropolishing tank that contains one or more of the plating and polishing metal HAP and is subject to the requirements in 40 CFR §63.11507(a), "What are my standards and management practices?", and you use a wetting agent/fume suppressant to comply with MACT Subpart WWWWWWW, you must demonstrate continuous compliance according to 40 CFR §63.11508(d)(3)(i) through (iii), below.

(i) You must record that you have added the wetting agent/fume suppressant to the tank bath in the original make-up of the tank.

(ii) For tanks where the wetting agent/fume suppressant is a separate ingredient from the other tank additives, you must demonstrate continuous compliance according to 40 CFR §63.11508(d)(3)(ii) (A) and (B), below.

(A) You must add wetting agent/fume suppressant in proportion to the other bath chemistry ingredients that are added to replenish the tank bath, as in the original make-up of the tank; or in proportion such that the bath is brought back to the original make-up of the tank.

(B) You must record each addition of wetting agent/fume suppressant to the tank bath.

(iii) You must state in your annual compliance certification that you have added wetting agent/fume suppressant to the bath according to the manufacturer's specifications and instructions.

(4) If you own or operate an affected electroplating, electroforming, or electropolishing tank that contains one or more of the plating and polishing metal HAP and is subject to the requirements in 40 CFR §63.11507(a), "What are my standards and management practices?", and you use a control system to comply with MACT Subpart WWWWWWW; an affected dry mechanical polishing operation that is subject to 40 CFR §63.11507(e); or an affected thermal spraying operation that is subject to 40 CFR §63.11507(f)(1) or (2), you must demonstrate continuous compliance according to 40 CFR §63.11508(d)(4)(i) through (v), below.

(i) You must operate and maintain the control system according to the manufacturer's specifications and instructions.

(ii) Following any malfunction or failure of the capture or control devices to operate properly, you must take immediate corrective action to return the equipment to normal operation according to the manufacturer's specifications and operating instructions.

(iii) You must state in your annual compliance certification that you have operated and maintained the control system according to the manufacturer's specifications and instructions.

(iv) You must record the results of all control system inspections, deviations from proper operation, and any corrective action taken.

(v) You must keep the manufacturer's operating instructions at the facility at all times in a location where they can be easily accessed by the operators.

(5) [N/A - AMZ DOES NOT OPERATE ANY "FLASH" OR SHORT-TERM ELECTROPLATING TANKS]

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(6) If you own or operate an affected batch electrolytic process tank that contains one or more of the plating and polishing metal HAP and is subject to the requirements of 40 CFR §63.11507(a), "What are my standards and management practices?", or a flash or short-term electroplating tank that contains one or more of the plating and polishing metal HAP and is subject to the requirements in 40 CFR §63.11507(b), and you comply with 40 CFR §63.11507(a), (b) or (c) by operating the affected tank with a cover, you must demonstrate continuous compliance according to 40 CFR §63.11508(d)(6)(i) through (iii), below.

- (i) You must operate the tank with the cover in place at least 95 percent of the electrolytic process operating time.
- (ii) You must record the times that the tank is operated and the times that the tank is covered on a daily basis.
- (iii) You must state in your annual compliance certification that you have operated the tank with the cover in place at least 95 percent of the electrolytic process time.

(7) [N/A - AMZ DOES NOT OPERATE ANY CONTINUOUS ELECTROLYTIC PROCESS TANKS]

(8) If you own or operate an affected tank or other operation that is subject to the management practices specified in 40 CFR §63.11507(g), "What are my standards and management practices?", you must demonstrate continuous compliance according to 40 CFR §63.11508(d)(8)(i) and (ii), below.

- (i) You must implement the applicable management practices during all times that the affected tank or process is in operation.
- (ii) You must state in your annual compliance certification that you have implemented the applicable management practices, as practicable.

73 FR 37741, July 1, 2008, as amended at 76 FR 57920, Sept. 19, 2011]

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

In the event that 40 CFR Part 63, Subpart WWWWWW - National Emission Standards for Hazardous Air Pollutants: Area Source Standards for Plating and Polishing Operations (MACT Subpart WWWWWW) is revised, the permittee shall comply with the revised version of MACT Subpart WWWWWW, and shall not be required to comply with any provisions in this operating permit designated as having MACT Subpart WWWWWW as their authority, to the extent that such operating permit provisions would be inconsistent with the applicable provisions of the revised MACT Subpart WWWWWW.

006 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.1]**Subpart A--General Provisions****Applicability.**

The Group 003 sources are subject to 40 CFR Part 63, Subpart WWWWWW - National Emission Standards for Hazardous Air Pollutants: Area Source Standards for Plating and Polishing Operations (MACT Subpart WWWWWW). The permittee shall comply with all applicable standards, compliance provisions, performance test, monitoring, record keeping, and reporting requirements contained at 40 CFR §§63.11504 through 63.11513, including all applicable portions of 40 CFR Part 63, Subpart A - General Provisions. The permittee shall comply with 40 CFR §63.13(a), which requires submission of copies of all requests, reports, applications, submittals, and other communications to both the U.S. Environmental Protection Agency (U.S. EPA) and the Department. The U.S. EPA copies shall be forwarded to:

Director
Air Protection Division
U.S. EPA, Region III (3AP00)
1650 Arch Street
Philadelphia, PA 19103-2029

The Department copies shall be forwarded to:

Regional Air Program Manager

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PA Department of Environmental Protection
909 Elmerton Avenue
Harrisburg, PA 17110-8200

007 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11504]**Subpart WWWWWW - National Emission Standards for Hazardous Air Pollutants: Area Source Standards for Plating and Polishing Operations****Am I subject to this subpart?**

(a) You are subject to 40 CFR Part 63, Subpart WWWWWW, if you own or operate a plating and polishing facility that is an area source of hazardous air pollutant (HAP) emissions and meets the criteria specified in 40 CFR §11504(a)(1) through (3), below.

(1) A plating and polishing facility is a plant site that is engaged in one or more of the processes listed in 40 CFR §11504(a)(1)(i) through (vi), below.

(i) Electroplating other than chromium electroplating (i.e., non-chromium electroplating).

(ii) Electroless or non-electrolytic plating.

(iii) Other non-electrolytic metal coating processes, such as chromate conversion coating, nickel acetate sealing, sodium dichromate sealing, and manganese phosphate coating; and thermal spraying. [AMZ IS ENGAGED IN MANGANESE PHOSPHATE COATING ONLY]

(iv) [N/A - AMZ IS NOT ENGAGED IN DRY MECHANICAL POLISHING OF FINISHED METALS AND FORMED PRODUCTS AFTER PLATING OR THERMAL SPRAYING]

(v) [N/A - AMZ IS NOT ENGAGED IN ELECTROFORMING]

(vi) [N/A - AMZ IS NOT ENGAGED IN ELECTROPOLISHING]

(2) A plating or polishing facility is an area source of HAP emissions, where an area source is any stationary source or group of stationary sources within a contiguous area under common control that does not have the potential to emit any single HAP at a rate of 9.07 megagrams per year (Mg/yr) (10 tons per year (TPY)) or more and any combination of HAP at a rate of 22.68 Mg/yr (25 TPY) or more.

(3) Your plating and polishing facility uses or has emissions of compounds of one or more plating and polishing metal HAP, which means any compound of any of the following metals: cadmium, chromium, lead, manganese, and nickel, as defined in 40 CFR §63.11511, "What definitions apply to this subpart?" With the exception of lead, plating and polishing metal HAP also include any of these metals in the elemental form.

(b) [Reserved]

73 FR 37741, July 1, 2008, as amended at 76 FR 57919, Sept. 19, 2011]

008 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11505]**Subpart WWWWWW - National Emission Standards for Hazardous Air Pollutants: Area Source Standards for Plating and Polishing Operations****What parts of my plant does this subpart cover?**

(a) 40 CFR Part 63, Subpart WWWWWW, applies to each new or existing affected source, as specified in 40 CFR §63.11505(a)(1) through (3), below, at all times. A new source is defined in 40 CFR §63.11511, "What definitions apply to this subpart?"

(1) Each tank that contains one or more of the plating and polishing metal HAP as defined in 40 CFR §63.11511, "What definitions apply to this subpart?", and is used for non-chromium electroplating; electroforming; electropolishing; electroless plating or other non-electrolytic metal coating operations, such as chromate conversion coating, nickel acetate sealing, sodium dichromate sealing, and manganese phosphate coating.

(2) [N/A - AMZ IS NOT ENGAGED IN THERMAL SPRAYING OPERATIONS]

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(3) [N/A - AMZ IS NOT ENGAGED IN DRY MECHANICAL POLISHING OPERATIONS]

(b) An affected source is existing if you commenced construction or reconstruction of the affected source on or before March 14, 2008.

(c) [N/A - THE AFFECTED SOURCE WAS CONSTRUCTED ON OR BEFORE MARCH 14, 2008]

(d) 40 CFR Part 63, Subpart WWWWWW, does not apply to any of the process units or operations described in 40 CFR §63.11505(d)(1) through (6), below.

(1) [N/A - THERE ARE NO PROCESS UNITS THAT ARE SUBJECT TO THE REQUIREMENTS OF 40 CFR PART 63, SUBPART N, LOCATED AT THE FACILITY]

(2) [N/A - THERE ARE NO RESEARCH AND DEVELOPMENT PROCESS UNITS LOCATED AT THE FACILITY]

(3) [N/A - THERE ARE NO PROCESS UNITS THAT ARE USED STRICTLY FOR EDUCATIONAL PURPOSES LOCATED AT THE FACILITY]

(4) [N/A - AMZ IS NOT ENGAGED IN PLATING, POLISHING, COATING, OR THERMAL SPRAYING OPERATIONS CONDUCTED TO REPAIR SURFACES OR EQUIPMENT]

(5) [N/A - AMZ IS NOT ENGAGED IN DRY MECHANICAL POLISHING OPERATIONS CONDUCTED TO RESTORE THE ORIGINAL FINISH TO A SURFACE]

(6) Any plating or polishing process that uses process materials that contain cadmium, chromium, lead, or nickel (as the metal) in amounts less than 0.1 percent by weight, or that contain manganese in amounts less than 1.0 percent by weight (as the metal), as used. Information used to determine the amount of plating and polishing metal HAP in materials used in the plating or polishing process may include information reported on the Material Safety Data Sheet for the material, but is not required. For plating or polishing tanks, the HAP content may be determined from the final bath contents "as used" to plate or to polish.

(e) You are exempt from the obligation to obtain a permit under 40 CFR Part 70 or 40 CFR Part 71, "Title V", provided you are not otherwise required to obtain a permit under 40 CFR §70.3(a) or 40 CFR §71.3(a) for a reason other than your status as an area source under 40 CFR Part 63, Subpart WWWWWW. Notwithstanding the previous sentence, you must continue to comply with the provisions of 40 CFR Part 63, Subpart WWWWWW, applicable to area sources.

[73 FR 37741, July 1, 2008, as amended at 76 FR 57919, Sept. 19, 2011]

009 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11506]

Subpart WWWWWW - National Emission Standards for Hazardous Air Pollutants: Area Source Standards for Plating and Polishing Operations

What are my compliance dates?

(a) If you own or operate an existing affected source, you must achieve compliance with the applicable provisions of 40 CFR Part 63, Subpart WWWWWW, no later than July 1, 2010.

(b) [THE SOURCE IS DEFINED AS AN EXISTING AFFECTED SOURCE]

(c) [THE SOURCE IS DEFINED AS AN EXISTING AFFECTED SOURCE]

010 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11510]

Subpart WWWWWW - National Emission Standards for Hazardous Air Pollutants: Area Source Standards for Plating and Polishing Operations

What General Provisions apply to this subpart?

If you own or operate a new or existing affected source, you must comply with the requirements of the General Provisions (40 CFR Part 63, Subpart A) according to Table 1 of 40 CFR Part 63, Subpart WWWWWW.

011 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11511]

Subpart WWWWWW - National Emission Standards for Hazardous Air Pollutants: Area Source Standards for Plating

**SECTION E. Source Group Restrictions.****and Polishing Operations****What definitions apply to this subpart?**

Terms used in 40 CFR Part 63, Subpart WWWWWW - National Emission Standards for Hazardous Air Pollutants: Area Source Standards for Plating and Polishing Operations, as well as Section E, Group 003, are defined in the Clean Air Act; in 40 CFR §63.2 (General Provisions); and in 40 CFR §63.11511.

[73 FR 37741, July 1, 2008, as amended at 76 FR 57921, Sept. 19, 2011]



SECTION F. Alternative Operation Requirements.

No Alternative Operations exist for this State Only facility.



SECTION G. Emission Restriction Summary.

No emission restrictions listed in this section of the permit.



SECTION H. Miscellaneous.

NOTE: The capacities/throughputs listed in Section A are for informational use only and should not be used as enforceable limitations.

The following sources of minor significance have been exempted from work practice standards, and testing, monitoring, record keeping, and reporting requirements:

- * Seven (7) Electric Bake Ovens
- * Three (3) Atmospheric Evaporators
- * Natural Gas-fired Air Make-up Unit rated @ 2.76 mMBTU/hr

The following serves as a description of some of the Source IDs:

Source IDs 101, 102, 105, and 107 were previously the subject of Operating Permit No. 67-323-011.

Source ID 108 was previously the subject of Plan Approval No. 67-03091.

This Permit Incorporates RFD 1743 into the Operating Permit. RFD 1743 was for replacing the big scrubber, submitted 12/12/2017. The 28,000 ACFM rated fume scrubber (control ID C01) which controls emissions from source IDs 101, 102, 105, and 107 was replaced with a new 25,000 ACFM rated Midwest Air Products Co. Inc. (MAPCO) fume scrubber (control ID C01A). The Control ID was changed from C01 to C01A to reflect the equipment change.
The scrubber stack (control ID S01) was also replaced, to reflect the replacement the control ID is now S01A. (4/5/18)



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