



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

**STATE ONLY NATURAL MINOR OPERATING PERMIT**

Issue Date: May 31, 2022

Effective Date: May 31, 2022

Expiration Date: May 30, 2027

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

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

**State Only Permit No: 46-00220**

Natural Minor

Federal Tax Id - Plant Code: 59-3177689-1

**Owner Information**

Name: CARLISLE INTERCONNECT TECHNOLOGIES

Mailing Address: 206 JONES BLVD  
POTTSTOWN, PA 19464-3465

**Plant Information**

Plant: CARLISLE INTERCONNECT/LIMERICK PLT

Location: 46 Montgomery County 46932 Limerick Township

SIC Code: 3669 Manufacturing - Communications Equipment, Nec

**Responsible Official**

Name: KEVIN WARNER

Title: DIR OF OPERATIONS

Phone: (610) 495 - 4201

Email: kevin.warner@carlisleit.com

**Permit Contact Person**

Name: CHRISTINE MITTURA

Title: EHS MGR

Phone: (610) 495 - 4369

Email: christine.mittura@carlisleit.com

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

JAMES D. REBARCHAK, SOUTHEAST REGION AIR PROGRAM MANAGER



## SECTION A. Table of Contents

### Section A. Facility/Source Identification

Table of Contents  
Site Inventory List

### Section B. General State Only Requirements

- #001 Definitions.
- #002 Operating Permit Duration.
- #003 Permit Renewal.
- #004 Operating Permit Fees under Subchapter I.
- #005 Transfer of Operating Permits.
- #006 Inspection and Entry.
- #007 Compliance Requirements.
- #008 Need to Halt or Reduce Activity Not a Defense.
- #009 Duty to Provide Information.
- #010 Revising an Operating Permit for Cause.
- #011 Operating Permit Modifications
- #012 Severability Clause.
- #013 De Minimis Emission Increases.
- #014 Operational Flexibility.
- #015 Reactivation
- #016 Health Risk-based Emission Standards and Operating Practice Requirements.
- #017 Circumvention.
- #018 Reporting Requirements.
- #019 Sampling, Testing and Monitoring Procedures.
- #020 Recordkeeping.
- #021 Property Rights.
- #022 Alternative Operating Scenarios.
- #023 Reporting
- #024 Report Format

### Section C. Site Level State Only Requirements

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

### Section D. Source Level State Only Requirements

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

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

### Section E. Source Group Restrictions

- E-I: Restrictions



## **SECTION A. Table of Contents**

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

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

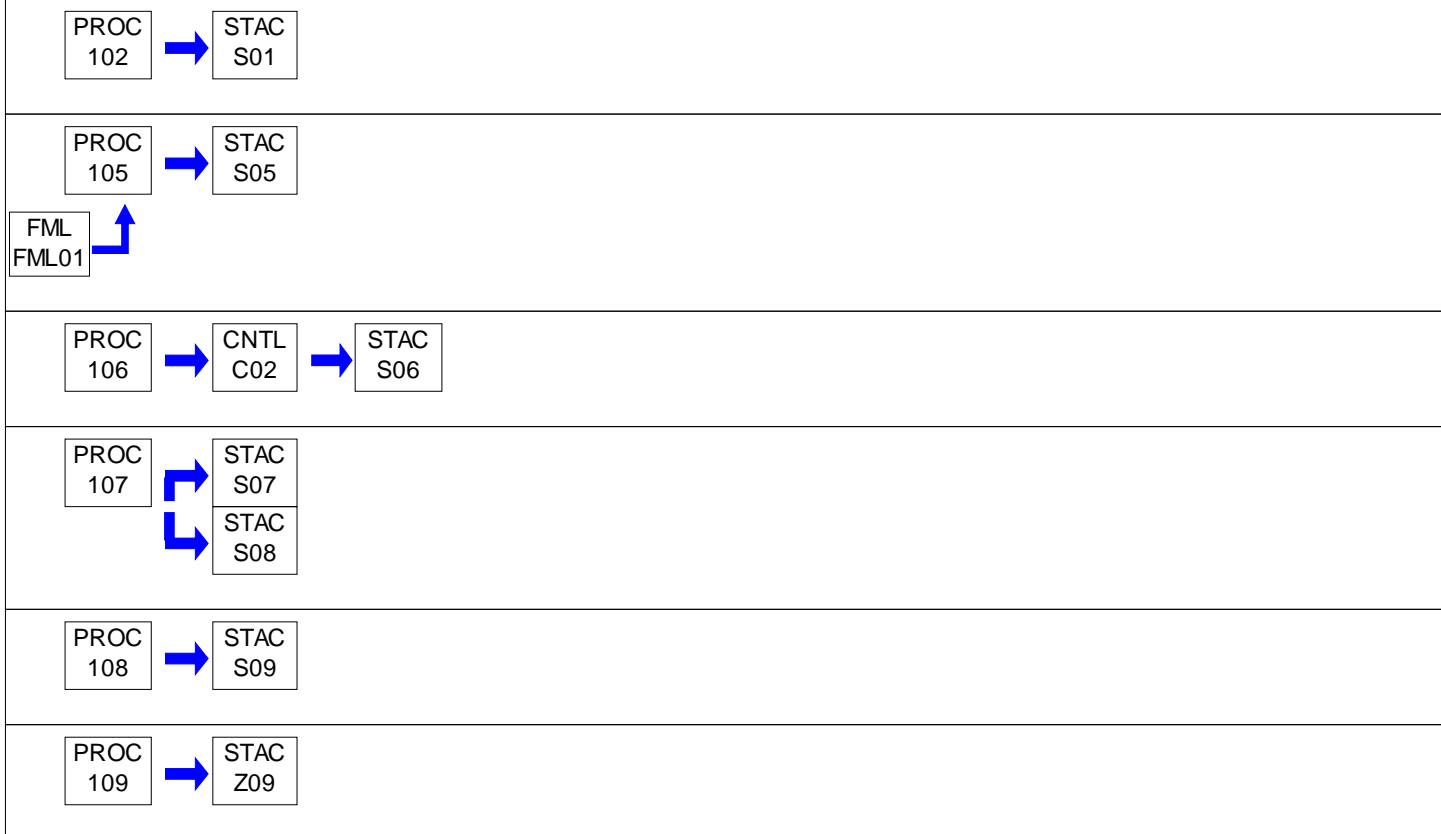
- F-I: Restrictions
- F-II: Testing Requirements
- F-III: Monitoring Requirements
- F-IV: Recordkeeping Requirements
- F-V: Reporting Requirements
- F-VI: Work Practice Standards
- F-VII: Additional Requirements

### **Section G. Emission Restriction Summary**

### **Section H. Miscellaneous**

**SECTION A. Site Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
102	HORIZONTAL EXTRUDER	N/A	PTFE-SOLVENT MIX
105	EMERGENCY GENERATOR		
106	CABLE CONTINUOUS ELECTROLYTIC PLATING WITH LEAD		
107	CONNECTOR BATCH ELECTROLYTIC PLATING WITH NICKEL		
108	ARACON CONTINUOUS ELECTROLYTIC & ELECTROLESS PLATING- NICKEL		
109	VAPOR DEGREASER		
C02	MIST ELIMINATOR		
FML01	NATURAL GAS		
S01	EXTRUDER STACK 1		
S05	EMERGENCY GENERATOR STACK		
S06	MIST ELIMINATOR STACK		
S07	CONNECTOR LINE STACK 1		
S08	CONNECTOR LINE STACK 2		
S09	ARACON LINE STACK		
Z09	DEGREASER FUGITIVE EMISSIONS		

**PERMIT MAPS**

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

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

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

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

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

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

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

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

(c) The permittee shall submit with the renewal application a fee for the processing of the application as specified in 25 Pa. Code § 127.703(b). The fees shall be made payable to "The Commonwealth of Pennsylvania Clean Air Fund" and submitted with the fee form to the respective regional office.

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

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

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

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

(a) The permittee shall pay the annual operating permit maintenance fee according to the following fee schedule in either paragraph (1) or (2) in accordance with 25 Pa. Code § 127.703(d) on or before December 31 of each year for the next calendar year.

(1) For a synthetic minor facility, a fee equal to:

(i) Four thousand dollars (\$4,000) for calendar years 2021—2025.

(ii) Five thousand dollars (\$5,000) for calendar years 2026—2030.

(iii) Six thousand three hundred dollars (\$6,300) for the calendar years beginning with 2031.

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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



**SECTION B. General State Only Requirements**

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION C. Site Level Requirements****I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §121.7]****Prohibition of air pollution.**

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

**# 002 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

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

- (1) Construction or demolition of buildings or structures.
- (2) Grading, paving and maintenance of roads and streets.
- (3) Use of roads and streets. Emissions from material in or on trucks, railroad cars and other vehicular equipment are not considered as emissions from use of roads and streets.
- (4) Clearing of land.
- (5) Stockpiling of materials.
- (6) Open burning operations, as specified in 25 Pa. Code § 129.14.
- (7) - (8) N/A
- (9) Sources and classes of sources other than those identified in (1)-(8) above, for which the permittee has obtained a determination from the Department that fugitive emissions from the source, after appropriate control, meet the following requirements:
  - (i) The emissions are of minor significance with respect to causing air pollution; and
  - (ii) The emissions are not preventing or interfering with the attainment or maintenance of any ambient air quality standard.

**# 003 [25 Pa. Code §123.2]****Fugitive particulate matter**

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

**# 004 [25 Pa. Code §123.31]****Limitations**

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

**# 005 [25 Pa. Code §123.41]****Limitations**

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

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

**# 006 [25 Pa. Code §123.42]****Exceptions**

The opacity limitations shall not apply to a visible emission in any of the following instances:

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

**SECTION C. Site Level Requirements****# 007 [25 Pa. Code §129.14]****Open burning operations**

No person may permit the open burning of material in the Southeast Air Basin except where 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) Any 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 in conjunction with the production of agricultural commodities in their unmanufactured state on the premises of the farm operation.
- (e) A fire set for the purpose of burning domestic refuse, when the fire is on the premises of a structure occupied solely as a dwelling by two families or less and when the refuse results from the normal occupancy of the structure.
- (f) A fire set solely for recreational or ceremonial purposes.
- (g) A fire set solely for cooking food.

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

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

**III. MONITORING REQUIREMENTS.****# 009 [25 Pa. Code §123.43]****Measuring techniques**

Visible emissions may be measured using either of the following:

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

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

- (a) The permittee shall monitor the facility, once per operating day, for the following:
  - (1) Odors which may be objectionable (as per 25 Pa. Code § 123.31).
  - (2) Visible Emissions (as per 25 Pa. Code §§ 123.41 and 123.42).
  - (3) Fugitive Particulate Matter (as per 25 Pa. Code §§ 123.1 and 123.2).
- (b) Objectionable odors, fugitive particulate emissions, and visible emissions that are caused or may be caused by operations at the site shall:
  - (1) Be investigated;
  - (2) Be reported to the facility management, or individual(s) designated by the permittee;
  - (3) Have appropriate corrective action taken (for emissions that originate on-site); and
  - (4) Be recorded in a permanent written log.
- (c) After six (6) months of daily monitoring, and upon the permittee's request, the Department will determine the feasibility of

**SECTION C. Site Level Requirements**

decreasing the monitoring frequency to weekly.

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

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

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

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

- (a) De minimis increases without notification to the Department.
- (b) De minimis increases with notification to the Department, via letter.
- (c) Increases resulting from a Request for Determination (RFD) to the Department.
- (d) Increases resulting from the issuance of a plan approval and subsequent operating permit.

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

The permittee shall keep a record of facility-wide potential to emit calculations for VOC and HAP emissions in tons per year, verifying minor source level emissions.

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

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

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

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

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

- (a) If required by Section 112(r) of the Clean Air Act, the permittee shall develop and implement an accidental release program consistent with requirements of the Clean Air Act, 40 CFR Part 68 (relating to chemical accident prevention provisions) and the Federal Chemical Safety Information, Site Security and Fuels Regulatory Relief Act (P.L. 106-40).
- (b) The permittee shall prepare and implement a Risk Management Plan (RMP) which meets the requirements of Section 112(r) of the Clean Air Act, 40 CFR Part 68 and the Federal Chemical Safety Information, Site Security and Fuels Regulatory Relief Act when a regulated substance listed in 40 CFR § 68.130 is present in a process in more than the threshold quantity at a facility. The permittee shall submit the RMP to the federal Environmental Protection Agency according to the following schedule and requirements:
  - (1) The permittee shall submit the first RMP to a central point specified by EPA no later than the latest of the following:
    - (i) Three years after the date on which a regulated substance is first listed under 40 CFR § 68.130; or,
    - (ii) The date on which a regulated substance is first present above a threshold quantity in a process.
  - (2) The permittee shall submit any additional relevant information requested by the Department or EPA concerning the RMP and shall make subsequent submissions of RMPs in accordance with 40 CFR § 68.190.

**SECTION C. Site Level Requirements**

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

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

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

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

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

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

(f) When this facility is subject to the accidental release program requirements of Section 112(r) of the Clean Air Act and 40 CFR Part 68, appropriate enforcement action will be taken by the Department if the permittee fails to register and submit the RMP or a revised plan pursuant to 40 CFR Part 68.

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

(a) The permittee shall report malfunctions, emergencies or incidents of excess emissions to the Department at 484-250-5920. A malfunction is any sudden, infrequent, and not reasonably preventable failure of air pollution control equipment, process equipment, or a process to operate in a normal or usual manner. An emergency is any situation arising from sudden and reasonably unforeseeable events beyond the control of the owner or operator of a facility which requires immediate corrective action to restore normal operation and which causes the emission source to exceed emissions, due to unavoidable increases in emissions attributable to the situation. An emergency shall not include situations caused by improperly designed equipment, lack of preventive maintenance, careless or improper operation, or operator error.

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

(c) The report shall describe the following:

- (1) Name, permit or authorization number, and location of the facility;
- (2) Nature and cause of the malfunction, emergency or incident;
- (3) Date and time when the malfunction, emergency or incident was first observed;
- (4) Expected duration of excess emissions;
- (5) Estimated rate of emissions; and
- (6) Corrective actions or preventative measures taken.

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

(e) During an emergency an owner or operator may continue to operate the source at their discretion provided they submit



**SECTION C. Site Level Requirements**

justification for continued operation of a source during the emergency and follow all the notification and reporting requirements in accordance with paragraphs (b)-(d), as applicable, including any permit specific malfunction reporting requirements.

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

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

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

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

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

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

(c) Paving and maintenance of roadways.

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

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

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

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

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

**# 019 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

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

**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**

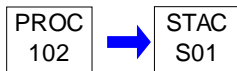
Source ID: 102

Source Name: HORIZONTAL EXTRUDER

Source Capacity/Throughput:

N/A

PTFE-SOLVENT MIX

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

# 001 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall limit VOC emissions from the extrusion line to less than 4.8 pounds per hour and 15.4 tons per year, based on a 12-month rolling sum.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

# 002 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall monitor the amount of VOC solvent used on the extrusion line on a monthly basis.

# 003 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall monitor VOC emissions for the extrusion line on a monthly basis.

**IV. RECORDKEEPING REQUIREMENTS.**

# 004 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

(a) The permittee shall maintain monthly records of the amount of VOC solvent used on this source.

(b) The permittee shall keep SDS or data sheets on hand which provides the solvent name, manufacture identification, and VOC content as applicable, for each solvent used in the extruder contained in Source ID 102.

(c) The permittee shall keep records of the monthly hours of operation of the extruder in order to calculate the VOC emissions on a lb/hr basis.

# 005 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

(a) The permittee shall maintain monthly records of VOC emissions from the extrusion line, including 12-month rolling sums.

(b) The permittee shall calculate and record on a monthly basis the average of VOC emissions from the extruder on a pounds per hour basis. The calculation shall be based on monthly VOC solvent usage and total monthly hours of operation for the extruder.

# 006 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall maintain a logbook of repair and maintenance performed on the extrusion line.

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

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

**VI. WORK PRACTICE REQUIREMENTS.**

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

**VII. ADDITIONAL REQUIREMENTS.**

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: 105

Source Name: EMERGENCY GENERATOR

Source Capacity/Throughput:

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

# 001 [25 Pa. Code §123.13]

**Processes**

The permittee shall ensure that emission into the outdoor atmosphere of particulate matter from the emergency generator occurs in such a manner that the concentration of particulate matter in the effluent gas does not exceed 0.04 gr/dscf, according to 25 Pa. Code § 123.13(c)(1)(i).

# 002 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall limit the aggregate NOx emissions from all exempt engines on site (including this exempt engine) to less than 100 lbs/hr, 1000 lbs/day, 2.75 tons per ozone season and 6.6 tons per year on a 12-month rolling basis.

**Fuel Restriction(s).**

# 003 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall burn natural gas only in this emergency generator.

**Operation Hours Restriction(s).**

# 004 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6640]

**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****How do I demonstrate continuous compliance with the emission limitations, operating limitations, and other requirements?**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.35]

The permittee shall limit the hours of operation for this emergency generator as follows, according to 40 CFR § 63.6640(f):

(a) No more than one hundred (100) hours per year for maintenance checks and readiness testing as required by the manufacturer, insurance company, or government agency, and

(b) No more than fifty (50) hours in non-emergency situations, but these fifty must be counted toward the 100 hours for maintenance and readiness testing. These 50 hours cannot be used for peak shaving or to generate income by supplying power as part of a financial arrangement with another entity.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

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

The permittee shall maintain monthly records of the aggregate NOx emissions from all exempt generators on site (as applicable), including ozone season (i.e., the period from May 1 through September 30 of each year) sums, and 12-month rolling sums, to demonstrate compliance with the NOx emission limits applicable to this source.

**# 006 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6655]****Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What records must I keep?**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.35]

The following recordkeeping requirements apply to the engine, according to 40 CFR § 63.6655(f)(1):

(a) The permittee shall keep records of the hours of operation (12-month rolling sums) of the engine that is recorded through a non-resettable hour meter.

(b) The permittee shall document how many hours are spent for emergency operation, including what classified the operation as emergency and how many hours are spent for non-emergency operation.

**# 007 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6655]****Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What records must I keep?**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.35]

The permittee shall keep records of the maintenance conducted on the emergency generator in order to demonstrate that the source is operated and maintained according to a maintenance plan, according to 40 CFR § 63.6655(e)(2).

**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.****# 008 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6603]****Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What emission limitations, operating limitations, and other requirements must I meet if I own or operate an existing stationary RICE located at an area source of HAP emissions?**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.35]

The permittee shall perform the following work practice standards on this emergency generator, according to 40 CFR § 63.6603(a) and Table 2d (Item 5) of Subpart ZZZZ:

- (a) Change oil and filter every 500 hours of operation or annually, whichever comes first,
- (b) Inspect spark plugs every 1,000 hours of operation,
- (c) Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.

The permittee has the option to utilize an oil analysis program as described in 40 CFR § 63.6625(j) in order to extend the specified oil change requirement in (a) above.

**# 009 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6625]****Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines**

**SECTION D. Source Level Requirements****What are my monitoring, installation, operation, and maintenance requirements?**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.35]

The permittee shall maintain and operate the emergency generator in accordance with manufacturer's specifications and in a manner consistent with good air pollution control practices for minimizing emissions, according to 40 CFR § 63.6625(e)(3).

**VII. ADDITIONAL REQUIREMENTS.**

**# 010 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

This emergency generator is rated at 60 kW, fired by natural gas.

**SECTION D. Source Level Requirements**

Source ID: 106

Source Name: CABLE CONTINUOUS ELECTROLYTIC PLATING WITH LEAD

Source Capacity/Throughput:

Conditions for this source occur in the following groups: GROUP 1  
GROUP 2  
GROUP 3

**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.****# 001 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11508]****Subpart WWWW - National Emission Standards for Hazardous Air Pollutants: Area Source Standards for Plating and Polishing Operations****What are my compliance requirements?**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.35]

(a) The permittee shall record the results of all control system inspections, deviations from proper operation, and any corrective action taken, according to 40 CFR § 63.11508(d)(4)(iv).

(b) The permittee shall keep the manufacturer's operating instructions at the facility at all times in a location where they can be easily accessed by the operators, according to 40 CFR § 63.11508(d)(4)(v) and 40 CFR § 63.11507(a)(2)(ii).

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

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.35]

The permittee shall state in the annual certification that the permittee has operated and maintained the control system according to the manufacturer's specifications and instructions, according to 40 CFR § 63.11509(c)(2).

**VI. WORK PRACTICE REQUIREMENTS.****# 003 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11507]****Subpart WWWW - National Emission Standards for Hazardous Air Pollutants: Area Source Standards for Plating and Polishing Operations****What are my standards and management practices?**

**SECTION D. Source Level Requirements**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.35]

(a) The permittee shall capture and exhaust emissions from the affected tank to the mesh pad mist eliminator according 40 CFR § 63.11507(a)(2).

(b) The permittee shall operate all capture and control devices according to the manufacturer's specifications and operating instructions, according to 40 CFR § 63.11507(a)(2)(ii) and 40 CFR § 63.11508(d)(4)(i).

**# 004 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11507]**

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

**What are my standards and management practices?**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.35]

(a) The permittee shall implement the following applicable management practices, as practicable, according to 40 CFR § 63.11507(g).

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

(2) Use tank covers, if already owned and available at the facility, whenever practicable.

(3) Minimize or reduce heating of process tanks, as practicable (e.g., when doing so would not interrupt production or adversely affect part quality).

(4) Perform regular repair, maintenance, and preventive maintenance of equipment associated with affected sources, as practicable.

(5) 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.

(6) Maintain quality control of chemicals, and chemical and other bath ingredient concentrations in the tanks, as practicable.

(7) Perform general good housekeeping, such as regular sweeping or vacuuming, if needed, and periodic washdowns, as practicable.

(8) Minimize spills and overflow of tanks, as practicable.

(9) Perform regular inspections to identify leaks and other opportunities for pollution prevention.

(b) The permittee shall implement the applicable management practices during all times that the affected tank or process is in operation, according to 40 CFR § 63.11508(d)(8)(i).

**# 005 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11508]**

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

**What are my compliance requirements?**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.35]

Following any malfunction or failure of the capture or control devices to operate properly, the permittee shall take immediate corrective action to return the equipment to normal operation according to the manufacturer's specifications and operating instructions, according to 40 CFR § 63.11508(d)(4)(ii).



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

There are 31 baths or tanks that operate as part of the Cable Continuous Electroplating Line. Emissions from this line are vented to a Mist Eliminator (C02).

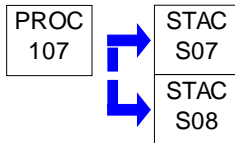
**SECTION D. Source Level Requirements**

Source ID: 107

Source Name: CONNECTOR BATCH ELECTROLYTIC PLATING WITH NICKEL

Source Capacity/Throughput:

Conditions for this source occur in the following groups: GROUP 1  
GROUP 3

**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.****# 001 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11508]****Subpart WWWW - National Emission Standards for Hazardous Air Pollutants: Area Source Standards for Plating and Polishing Operations****What are my compliance requirements?**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.35]

The permittee shall record the times that the tank is operated and the times that the tank is covered on a daily basis, according to 40 CFR § 63.11508(d)(6)(ii).

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

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.35]

The permittee shall state in the annual certification that the permittee has operated the tank with the cover in place at least 95 percent of the electrolytic process time, according to 40 CFR § 63.11509(c)(4).

**VI. WORK PRACTICE REQUIREMENTS.****# 003 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11507]****Subpart WWWW - National Emission Standards for Hazardous Air Pollutants: Area Source Standards for Plating and Polishing Operations****What are my standards and management practices?**

[Additional authority for this permit condition is also derived from 25 Pa. Code 127.35]

**SECTION D. Source Level Requirements**

The permittee shall use a tank cover over all of the effective surface area of the tank for at least 95% of the electrolytic process operating time, according to 40 CFR § 63.11507(a)(3)(ii).

**# 004 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11507]****Subpart WWWW - National Emission Standards for Hazardous Air Pollutants: Area Source Standards for Plating and Polishing Operations****What are my standards and management practices?**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.35]

(a) The permittee shall implement the following applicable management practices, as practicable, according to 40 CFR § 63.11507(g).

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

(2) Use tank covers, if already owned and available at the facility, whenever practicable.

(3) Minimize or reduce heating of process tanks, as practicable (e.g., when doing so would not interrupt production or adversely affect part quality).

(4) Perform regular repair, maintenance, and preventive maintenance of racks, barrels, and other equipment associated with affected sources, as practicable.

(5) 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.

(6) Maintain quality control of chemicals, and chemical and other bath ingredient concentrations in the tanks, as practicable.

(7) Perform general good housekeeping, such as regular sweeping or vacuuming, if needed, and periodic washdowns, as practicable.

(8) Minimize spills and overflow of tanks, as practicable.

(9) Perform regular inspections to identify leaks and other opportunities for pollution prevention.

(b) The permittee shall implement the applicable management practices during all times that the affected tank or process is in operation, according to 40 CFR § 63.11508(d)(8)(i).

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

There are 18 baths or tanks that operate as part of the Connector Batch Electrolytic Plating Line. The line uses a traveling lid for each bath or tank.

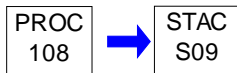
**SECTION D. Source Level Requirements**

Source ID: 108

Source Name: ARACON CONTINUOUS ELECTROLYTIC &amp; ELECTROLESS PLATING- NICKEL

Source Capacity/Throughput:

Conditions for this source occur in the following groups: GROUP 1  
 GROUP 2  
 GROUP 3

**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.****# 001 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11508]****Subpart WWWW - National Emission Standards for Hazardous Air Pollutants: Area Source Standards for Plating and Polishing Operations****What are my compliance requirements?**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.35]

The permittee shall record that wetting agent/fume suppressant has been added to the tank bath in the original make-up of the tank for the electroless portion of the process, according to 40 CFR § 63.11508(d)(3)(i).

[Compliance with this condition is demonstrated through the use of Safety Data Sheets (SDS) for the components of each initial tank bath makeup, and additional information provided by the manufacturer as necessary.]

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

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.35]

The permittee shall state in the annual certification that wetting agent/fume suppressant has been added to the electroless bath according to the manufacturer's specifications and instructions, according to 40 CFR § 63.11509(c)(1).

**VI. WORK PRACTICE REQUIREMENTS.****# 003 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11507]****Subpart WWWW - National Emission Standards for Hazardous Air Pollutants: Area Source Standards for Plating and Polishing Operations****What are my standards and management practices?**

**SECTION D. Source Level Requirements**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.35]

The permittee shall use a wetting agent/fume suppressant included in the electroless process bath chemicals used in the affected tank according to the manufacturer's instructions, and it is not necessary to add additional wetting agent/fume suppressants to the tank to comply with the requirements of 40 CFR Part 63 Subpart WWWWWW (6W), according to 40 CFR § 63.11507(a)(1)(iii).

**# 004 [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?**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.35]

(a) The permittee shall implement the following applicable management practices, as practicable, according to 40 CFR § 63.11507(g).

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

(2) Use tank covers, if already owned and available at the facility, whenever practicable.

(3) Minimize or reduce heating of process tanks, as practicable (e.g., when doing so would not interrupt production or adversely affect part quality).

(4) Perform regular repair, maintenance, and preventive maintenance of racks and other equipment associated with affected sources, as practicable.

(5) 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.

(6) Maintain quality control of chemicals, and chemical and other bath ingredient concentrations in the tanks, as practicable.

(7) Perform general good housekeeping, such as regular sweeping or vacuuming, if needed, and periodic washdowns, as practicable.

(8) Minimize spills and overflow of tanks, as practicable.

(9) Perform regular inspections to identify leaks and other opportunities for pollution prevention.

(b) The permittee shall implement the applicable management practices during all times that the affected tank or process is in operation, according to 40 CFR § 63.11508(d)(8)(i).

**VII. ADDITIONAL REQUIREMENTS.**

**# 005 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

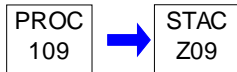
There are 30 baths or tanks that operate as part of the ARACON Continuous Electrolytic (side B) and Electroless (side A) Plating Line. The line uses a wetting agent and fume suppression.

**SECTION D. Source Level Requirements**

Source ID: 109

Source Name: VAPOR DEGREASER

Source Capacity/Throughput:

**I. RESTRICTIONS.**

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

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

**IV. RECORDKEEPING REQUIREMENTS.**

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

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.****# 001 [25 Pa. Code §129.63]****Degreasing operations**

As per 25 Pa. Code § 129.63(b)(1), the batch vapor cleaning machine shall be equipped with:

(1) Either a fully enclosed design or a working and downtime mode cover that completely covers the cleaning machine openings when in place, is free of cracks, holes and other defects, and can be readily opened or closed without disturbing the vapor zone. If the solvent cleaning machine opening is greater than 10 square feet, the cover shall be powered. If a lip exhaust is used, the closed cover shall be below the level of the lip exhaust.

(2) Sides which result in a freeboard ratio greater than or equal to 0.75.

(3) A safety switch (thermostat and condenser flow switch) which shuts off the sump heat if the coolant is not circulating.

(4) A vapor up control switch which shuts off the spray pump if vapor is not present. A vapor up control switch is not required if the vapor cleaning machine is not equipped with a spray pump.

(5) An automated parts handling system which moves the parts or parts baskets at a speed of 11 feet (3.4 meters) per minute or less when the parts or parts are entering or exiting the vapor zone. If the parts basket being cleaned occupy more than 50% of the solvent/air interface area, the speed of the parts or parts basket may not exceed 3 feet per minute.

(6) A device that shuts off the sump heat if the sump liquid solvent level drops to the sump heater coils.

**SECTION D. Source Level Requirements**

(7) A vapor level control device that shuts off the sump heat if the vapor level in the vapor cleaning machine rises above the height of the primary condenser.

(8) A permanent, conspicuous label summarizing the operating requirements as per 25 Pa. Code § 129.63(b)(4).

**# 002 [25 Pa. Code §129.63]****Degreasing operations**

As per 25 Pa. Code § 129.63(b)(3), the permittee shall use one of the following devices or strategies:

- (1) A freeboard refrigeration device, a freeboard ratio of 1.0 and superheated vapor.
- (2) Dwell, a freeboard refrigeration device and reduced room draft.
- (3) A working mode cover, a freeboard refrigeration device and superheated vapor.
- (4) Reduced room draft, freeboard ratio of 1.0 and superheated vapor.
- (5) A freeboard refrigeration device, reduced room draft and superheated vapor.
- (6) A freeboard refrigeration device, reduced room draft and a freeboard ratio of 1.0.
- (7) A freeboard refrigeration device, superheated vapor and a carbon adsorber which reduces solvent emissions in the exhaust to a level not to exceed 100 ppm at any time.

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

As per 25 Pa. Code § 129.63(b)(4), the permittee shall operate the batch vapor cleaning machine in accordance with the following procedures:

- (1) Waste solvent, still bottoms and sump bottoms shall be collected and stored in closed containers. The closed containers may contain a device that allows pressure relief, but does not allow liquid solvent to drain from the container.
- (2) Cleaned parts shall be drained at least 15 seconds or until dripping ceases, whichever is longer. Parts having cavities or blind holes shall be tipped or rotated while the part is draining. A superheated vapor system shall be an acceptable alternate technology.
- (3) Parts or parts baskets may not be removed from the batch vapor cleaning machine until dripping has ceased.
- (4) Flushing or spraying of parts using a flexible hose or other flushing device shall be performed within the vapor zone of the batch vapor cleaning machine or within a section of the machine that is not exposed to the ambient air. The solvent spray shall be a solid fluid stream, not an atomized or shower spray.
- (5) Sponges, fabric, wood, leather, paper products and other absorbent materials may not be cleaned in the batch vapor cleaning machine.
- (6) Spills during solvent transfer and use of the batch vapor cleaning machine shall be cleaned up immediately.
- (7) Work area fans shall be located and positioned so that they do not blow across the opening of the batch vapor cleaning machine.
- (8) During startup of the batch vapor cleaning machine, the primary condenser shall be turned on before the sump heater.
- (9) During shutdown of the batch vapor cleaning machine, the sump heater shall be turned off and the solvent vapor layer allowed to collapse before the primary condenser is turned off.
- (10) When solvent is added to or drained from the batch vapor cleaning machine, the solvent shall be transferred using threaded or other leakproof couplings and the end of the pipe in the solvent sump shall be located beneath the liquid solvent surface.
- (11) The working and downtime covers shall be closed at all times except during parts entry and exit from the machine, during maintenance of the machine when the solvent has been removed and during addition of solvent to the machine.



## SECTION D. Source Level 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 E. Source Group Restrictions.**

Group Name: GROUP 1

Group Description: Compliance Requirements 63.11508

Sources included in this group

ID	Name
106	CABLE CONTINUOUS ELECTROLYTIC PLATING WITH LEAD
107	CONNECTOR BATCH ELECTROLYTIC PLATING WITH NICKEL
108	ARACON CONTINUOUS ELECTROLYTIC & ELECTROLESS PLATING- NICKEL

**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 63.11508]**

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

**What are my compliance requirements?**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.35]

The permittee shall prepare, no later than January 31 of the year immediately following the reporting period, according to 40 CFR § 63.11509(c)(7), an annual compliance certification and keep it in a readily-accessible location for inspector review, according to 40 CFR § 63.11508(d)(2).

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.**

**# 002 [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?**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.35]

The permittee shall always operate and maintain the affected source, including air pollution control equipment, according to 40 CFR § 63.11508(d)(1), as part of demonstrating continuous compliance with the applicable management practices and equipment standards.

**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: GROUP 2

Group Description: Compliance Requirements 63.11508/63.11509 - CONTINUOUS ONLY

**Sources included in this group**

ID	Name
106	CABLE CONTINUOUS ELECTROLYTIC PLATING WITH LEAD
108	ARACON CONTINUOUS ELECTROLYTIC & ELECTROLESS PLATING- NICKEL

**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.**

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.****# 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?**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.35]

The permittee shall state in the annual certification that at least 75 percent of the surface area of the tank is covered during all periods of electrolytic process operation, according to 40 CFR § 63.11509(c)(5).

**VI. WORK PRACTICE REQUIREMENTS.****# 002 [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?**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.35]

The permittee shall operate the tank with at least 75 percent of the surface covered during all periods of electrolytic process operation, according to 40 CFR § 63.11508(d)(7)(i), as part of demonstrating continuous compliance.

**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: GROUP 3

Group Description: Reporting &amp; Recordkeeping 63.11509

Sources included in this group

ID	Name
106	CABLE CONTINUOUS ELECTROLYTIC PLATING WITH LEAD
107	CONNECTOR BATCH ELECTROLYTIC PLATING WITH NICKEL
108	ARACON CONTINUOUS ELECTROLYTIC & ELECTROLESS PLATING- NICKEL

**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?**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.35]

The permittee shall keep the following records, according to 40 CFR § 63.11509(e)(1) - (3) and (f):

(a) A copy of any Initial Notification and Notification of Compliance Status that the permittee has submitted and all documentation supporting those notifications.

(b) The records required to show continuous compliance with each management practice and equipment standard, as applicable.

(c) The permittee shall keep each record for a minimum of 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record. The permittee shall keep each record onsite for at least 2 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, according to §63.10(b)(1) of the General Provisions to part 63. The permittee may keep the records offsite for the remaining 3 years.

**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?**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.35]

The permittee shall submit an annual compliance certification to the Administrator as follows:

(a) The permittee shall state in the annual compliance certification that the permittee has implemented the applicable management practices of 40 CFR § 63.11507(g), as practicable, according to 40 CFR § 63.11509(c)(6).

(b) Each annual compliance 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 report must be submitted along with the deviation report, and postmarked or delivered no later

**SECTION E. Source Group Restrictions.**

than January 31 of the year immediately following the reporting period, according to 40 CFR § 63.11509(c)(7).

(c) The permittee shall report any deviations from the compliance requirements specified in this subpart occurring during the year, along with the corrective action taken, and submit this report to the delegated authority, according to 40 CFR § 63.11509(d).

(d) These reports do not need to be submitted unless a deviation from the requirements of 40 CFR Part 63 Subpart WWWWWW has occurred during the reporting year, in which case, the annual compliance report must be submitted along with the deviation report.

**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 F. Alternative Operation Requirements.**

No Alternative Operations exist for this State Only facility.

**SECTION G. Emission Restriction Summary.**

Source Id	Source Description		
102	HORIZONTAL EXTRUDER		
<b>Emission Limit</b>		<b>Pollutant</b>	
4.800	Lbs/Hr	VOC	
15.400	Tons/Yr	VOC	
105	EMERGENCY GENERATOR		
<b>Emission Limit</b>		<b>Pollutant</b>	
2.740	Tons/OZNESEAS	facility-wide exempt engines	NOX
6.500	Tons/Yr	facility-wide exempt engines	NOX
99.000	Lbs/Hr	facility-wide exempt engines	NOX
999.000	Lbs/Day	facility-wide exempt engines	NOX
0.040	gr/DRY FT3	PM10	

**Site Emission Restriction Summary**

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

**SECTION H. Miscellaneous.**

(a) The previously issued plan approval PA-46-0220 serves as the basis for certain terms and conditions set forth in this state only operating permit.

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

- (1) Low Pressure Steam Boiler - Clever Brooks 6.28 MMBtu/hr fired by natural gas (RFD No. 46-A01-2218)
- (2) Electroplating Finishing Process - Copper, Nickel, and Gold (non-Chrome) (RFD No. 46-A01-2218) \*\*SEE (d)(8) below for updates\*\*
- (3) Electroplating Tin Line Process - Copper, Tin, and Aluminum (non-Chrome) (RFD No. 46-A01-2218) \*\*SEE (d)(8) below for updates\*\*
- (4) Hot Melt Extruder - FEP (Teflon) coating, no ISOPAR - not a significant source of VOC or HAP
- (5) Lead Soldering - located in the cable assembly area - individual work stations have localized collection systems, emissions are not vented outdoors.

(c) The SIC Codes for this facility are: 3669 Communication Components (Primary) and 3679 Electronic Components (Secondary).

(d) AUTH ID 905757: The renewal permit (MAY 2012) addresses the following items:

- (1) The permit contact has been updated from Matt Brown to Gerry Burke, EHS Manager.
- (2) Source ID 104 Parts Washers (2) have been removed from the plant and no longer appear in the permit.
- (3) This permit is issued to operations at the primary location (206 Jones Boulevard) and the adjacent support facility (105 Jones Boulevard). The support facility operates "CNC" equipment and is also known as "Kroll." There are no boilers or generators located at the Kroll location; there are seven (7) small natural gas and electric heating units which are classified as insignificant sources of emissions according to 25 Pa. Code § 127.14(a)(1-5). \*\* MAY 2022 \*\* UPDATE \*\* The permittee no longer owns or operates equipment located at 105 Jones Boulevard \*\*

(4) The following RFDs exist for this facility:

- RFD No. 46-A01-2218: Cable Continuous Electrolytic Plating with Lead (Source ID 106) and Connector Batch Electrolytic Plating with Nickel (Source ID 107)
- RFD No. 46-A01-2516: Grinding operations & associated dust collector
- RFD No. 46-A01-2524: Move parts washer to CNC (105 Jones Boulevard) \*\* UPDATE MAY 2022 \*\* The permittee no longer owns or operates equipment at 105 Jones Boulevard \*\*
- RFD No. 46-A01-2534: Electric annealing furnace
- RFD No. 46-A01-2536: Bench cans cleaning solvent
- RFD No. 46-A01-2541: Purge station
- RFD No. 46-A01-2543: Electric annealing furnace, additional exhaust
- RFD No. 46-A01-2553: ARACON Line (Source ID 108)
- RFD No. 46-A01-2566: Polyurethane coating
- RFD No. 46-A01-2582: Flushing operations
- RFD No. 46-A01-2586: Atomic Absorption Spectrometer
- RFD No. 46-A01-2596: Move plating hood
- RFD No. 46-A01-2605: Move polyurethane coating
- RFD No. 2875: Defect marker machines in the tube drawing process
- RFD No. 2900: JenFab Aqueous Airless Parts Cleaning Machine
- RFD No. 2905: Scanning Electron Microscope (SEM) with Sputter Unit

(5) Recordkeeping of de minimis increases has been added to Section C of the permit.

(6) Synthetic Minor VOC and HAP emission limits and recordkeeping requirements have been added to Section C of the permit. \*\* MAY 2022 \*\* UPDATE \*\* see (g)(9) facility classified as Natural Minor \*\*

(7) Monthly recordkeeping of lb/hr VOC emission calculations has been added to Source ID 102 (Extruders).

(8) Source ID 106 (Cable Continuous Electrolytic Plating with Lead), Source ID 107 (Connector Batch Electrolytic Plating with Nickel), and Source ID 108 (ARACON Continuous Electrolytic and Electro-less Plating with Nickel) have all been added to Section A

**SECTION H. Miscellaneous.**

(Site Inventory) and Section D (Source Level) in order to include applicable requirements of 40 CFR Part 63 Subpart WWWWWW (6W).

(9) The NO<sub>x</sub> emission limit for exempt engines has been added to Source ID 105 (Emergency Generator), including associated recordkeeping. The particulate matter standard for processes has also been added to Source ID 105.

(10) The requirements of 40 CFR Part 63 Subpart ZZZZ have been added to the emergency generator (Source ID 105).

(e) AUTH ID 1157196: The renewal permit (MAY 2017) addresses the following items:

(1) Change of ownership from MCHC, Inc. (Tax ID 80-0263639) to Carlisle Interconnect Technologies (Tax ID 59-3177689), effective June 2016. The operator has not changed from Micro-Coax, Inc. (Tax ID 23-3011857).

(2) The Permit Contact has been updated from Ms. Gerry Burke (EHS Manager) to Ms. Kristina Roberts (EHS Manager).

(3) The Responsible Official has been updated from Mr. Christopher Kneizys (President) to Mr. Nathan West (Director of Operations).

(4) As of June 1, 2015, Material Safety Data Sheets (MSDS) have been replaced by SDS (Safety Data Sheets). The permit has been revised to reflect this change in Hazardous Communication Standards under OSHA directive.

(5) A recordkeeping requirement to keep records of monthly hours of operation of both extruders has been added to Source ID 102 (2 Horizontal Extruders) in order to calculate emissions in a pound per hour basis.

(6) A requirement to convert kilograms to pounds has been added as a work practice standard to Source ID 103 (Vapor Degreaser) when reporting trichloroethylene (TCE) emissions to the Department.

(7) Additional RFD summary since the last permit action:

RFD No. 2921 - Lead Soldering Operations

RFD No. 2960 - Tin Dip Operations (RFD No. 2960 replaces RFD No. 2907)

RFD No. 3168 - Salt Fog Test Chamber

RFD No. 4956 - Spectrometer to analyze metals in plating bath solution.

(f) AUTH ID 1207722: Administrative amendment (November 2017) addresses the following:

(1) Update permit contact from Kristina Roberts to Brian Henion.

(2) Make corrections to 40 CFR Part 63 Subpart WWWWWW (6W) for Source ID 108 in regards to the use of WAFS in the electroless portion of the process.

(g) AUTH ID 1384357: Renewal Permit (MAY 2022) addresses the following:

(1) Change of ownership from Micro-Coax, Inc. (Tax ID 23-3011857) to Carlisle Interconnect Technologies (Tax ID 59-3177689), effective May 2021.

(2) The Permit Contact has been updated from Brian Henion (EHS Manager) to Ms. Christine Mittura (EHS Manager).

(3) The Responsible Official has been updated from Nathan West (Director of Operations) to Kevin Warner (Director of Operations).

(4) Section B (General Requirements) and Section C (Site Level Requirements) of the permit have been updated to the most current template language used for State Only Operating Permits issued in the Southeast Region. Information on the new fee schedule pursuant to 25 Pa. Code § 127.703 has been added to Section B (Condition #004) and the requirements of 25 Pa. Code § 135.3 now appears in Section B (Condition #023). Grouped permit conditions now appear in Section E, the Emission Restriction Summary now appears as Section G, and the Miscellaneous Section is now Section H of the permit.

(5) One horizontal extruder has been removed from Source ID 102.



**SECTION H. Miscellaneous.**

(6) The TCE-vapor degreaser (Source ID 103) was replaced with a non-TCE vapor degreaser, now designated as Source ID 109. The new degreaser uses a refrigeration device to minimize emissions and a closed-loop distillation unit to clean spent solvent prior to reuse or disposal. The requirements of 25 Pa. Code § 129.63(b) applicable to batch vapor cleaning machines are included in Section D of the permit.

(7) The adjacent support facility located at 105 Jones Boulevard is no longer occupied by the permittee. Ten (10) computerized numerical control (CNC) machines and one (1) parts washer owned and operated by the permittee have been moved over to the primary location at 206 Jones Boulevard. The parts washer is a remote reservoir cold cleaning machine that uses a non-VOC solution for the cleaning of metal parts. The natural gas and electric heating units will remain at 105 Jones Boulevard and will no longer be owned or operated by the permittee.

(8) Request for Determinations (RFD) submitted and reviewed since the last permit action are as follows:

- RFD No. 6857 - Replacement of a wastewater evaporator tank
- RFD No. 7948 - Installation of a new oven sintering machine
- RFD No. 8022 - Installation of an electric horizontal sintering machine
- RFD No. 8889 - Installation of a continuous plating line
- RFD No. 9330 - Replacement of the existing TCE degreaser (Source ID 103) with a non-HAP solvent degreaser (Source ID 109).

(9) Based on facility-wide PTE for VOC and HAP emissions without restrictions, the facility is now classified as a Natural Minor.



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

---