



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

STATE ONLY SYNTHETIC MINOR OPERATING PERMIT

Issue Date: May 30, 2023

Effective Date: July 1, 2023

Expiration Date: June 30, 2028

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

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

State Only Permit No: 06-05090

Synthetic Minor

Federal Tax Id - Plant Code: 58-1714577-1

Owner Information

Name: TOPPAN INTERAMERICA INC
Mailing Address: 378 THOUSAND OAKS BLVD
MORGANTOWN, PA 19543-9769

Plant Information

Plant: TOPPAN INTERAMERICA INC/CAERNARVON
Location: 06 Berks County 06924 Caernarvon Township
SIC Code: 2754 Manufacturing - Commercial Printing, Gravure

Responsible Official

Name: BARRY HAGUE
Title: PLANT MANAGER
Phone: (610) 286 - 3202 Email: bhague@tia.toppan.com

Permit Contact Person

Name: BARRY HAGUE
Title: PLANT MANAGER
Phone: (610) 286 - 3202 Email: bhague@tia.toppan.com

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



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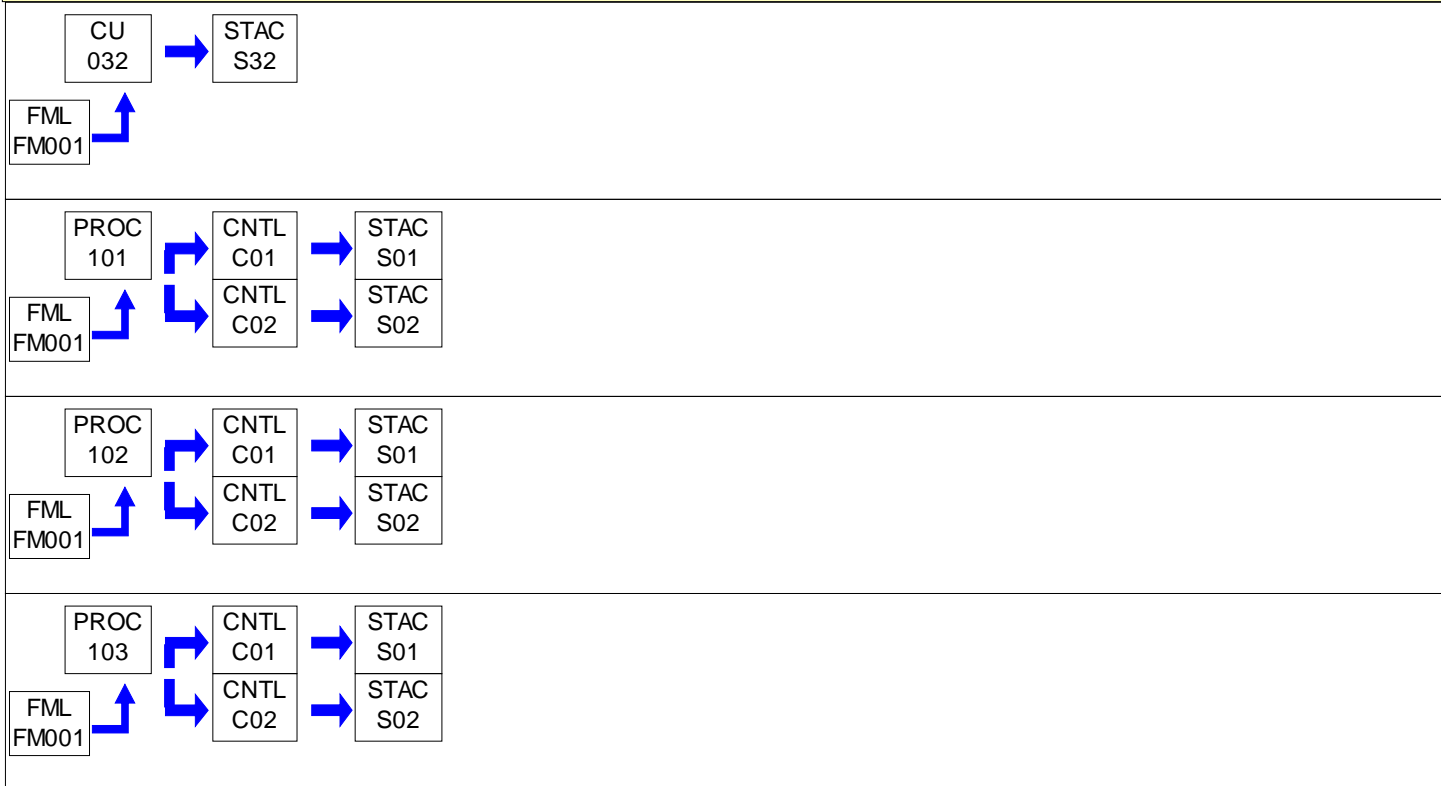
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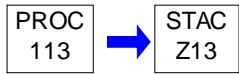
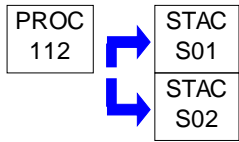
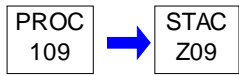
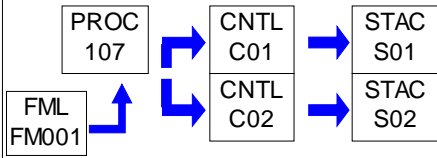
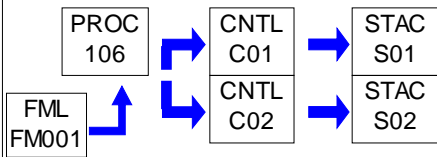
**SECTION A. Site Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
032	BOILER - 29.29 MMBTU/HR	28.000 MCF/HR	NATURAL GAS
101	ROTOGRAVURE PRESS 1	2.500 Tons/HR	INK
102	ROTOGRAVURE PRESS 2	2.500 Tons/HR	INK
103	ROTOGRAVURE PRESS 3	0.500 Tons/HR	INK
106	MIXING ROOM	7.000 Tons/HR	
107	COLOR LAB & QC AREA	20.000 Lbs/HR	
109	TANK FARM	100.000 Tons/HR	SOLVENT STORAGE
112	WEEKLY CLEAN-UP OPERATION		
113	PARTS WASHER(S)		
C01	THERMAL OXIDIZER: SMITH		
C02	THERMAL OXIDIZER: SALEM		
FM001	NATURAL GAS PIPELINE		
S01	STACK: SMITH OXIDIZER		
S02	STACK: SALEM OXIDIZER		
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Z13	PARTS WASHER(S) FUGITIVE EMISSIONS		

PERMIT MAPS



PERMIT MAPS



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

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

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

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

#003 [25 Pa. Code §§ 127.412, 127.413, 127.414, 127.446 & 127.703(b)]**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_x from a single source during the term of the permit and 5 tons of NO_x at the facility during the term of the permit.

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

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

(1) Section 127.14 (relating to exemptions)

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION 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 §123.1]****Prohibition of certain fugitive emissions**

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

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

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

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

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

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

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

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

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

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

**SECTION C. Site Level Requirements**

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

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

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

The permittee shall limit the facility's annual emissions to less than the following thresholds during any consecutive 12-month period:

- a. 100 tons per year (TPY) of NO_x,
- b. 100 TPY of carbon monoxide (CO),
- c. 50 TPY of volatile organic compounds (VOC),
- d. 100 TPY of sulfur oxides (SO_x),
- e. 100 TPY of PM-10 (particulate matter having an effective aerodynamic diameter less than or equal to a nominal 10 micron body),
- f. 100 TPY of PM-2.5 (particulate matter having an effective aerodynamic diameter less than or equal to a nominal 2.5 micron body),
- g. 10 TPY of any individual hazardous air pollutant (HAP), and
- h. 25 TPY of aggregate HAPs.

007 [25 Pa. Code §129.14]
Open burning operations

- a. The permittee shall not allow the open burning of material on the permittee's property in a manner such that:
 1. The emissions are visible, at any time, at the point such emissions pass outside the permittee's property.
 2. Malodorous air contaminants from the open burning are detectable outside the permittee's property.
 3. The emissions interfere with the reasonable enjoyment of life or property.
 4. The emissions cause damage to vegetation or property.
 5. The emissions are or may be deleterious to human or animal health.
- b. The requirements of above do not apply when the open burning operations result from:
 1. 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.
 2. A fire set for the purpose of instructing personnel in fire fighting, when approved by the Department.

**SECTION C. Site Level Requirements**

3. A fire set for the prevention and control of disease or pests, when approved by the Department.
4. A fire set solely for recreational or ceremonial purposes.
5. A fire set solely for cooking food.

This permit condition does not constitute authorization to burn solid waste pursuant to Section 610(3) of the Solid Waste Management Act (SWMA), contained at 35 P.S. Section 6018.610(3), or any other provision of the SWMA.

II. TESTING REQUIREMENTS.

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

Unless otherwise approved in writing by DEP, the permittee shall conduct a performance test on each of the thermal oxidizers to verify the VOC destruction efficiencies at least six months prior to the expiration of the permit.

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

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

010 [25 Pa. Code §139.1]
Sampling facilities.

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

011 [25 Pa. Code §139.11]
General requirements.

For any testing the permittee shall do the following:

- (a) Unless otherwise approved in writing by DEP, the permittee shall do the following:
 - (1) Conduct performance testing in accordance with the provisions of 25 Pa Code Section 139 and the Department's Source Testing Manual and any applicable federal regulations.
 - (2) Submit to DEP a test protocol for review and approval at least 90 calendar days prior to commencing an emissions testing program, and not conduct the test that is the subject of the protocol until the protocol has been approved by DEP.
 - (3) If DEP finds deficiencies in the protocol, the permittee shall provide a response to DEP addressing the deficiencies within 30 days of being notified of the deficiencies.
 - (4) Complete the performance test within 90 days of DEP's approval of the test protocol.
- (b) Pursuant to 25 Pa. Code § 139.3 at least 15 calendar days prior to commencing an emission testing program, the permittee shall notify the appropriate Regional Office and the Division of Source Testing and Monitoring of the date and time of the performance test. Notification shall not be made without prior receipt of a protocol acceptance letter from the Department.

**SECTION C. Site Level Requirements**

(c) Pursuant to 25 Pa. Code Section 139.53(a)(3) within 15 calendar days after completion of the on-site testing portion of an emission test program, if a complete test report has not yet been submitted, an electronic mail notification shall be sent to the Department's Division of Source Testing and Monitoring and the appropriate Regional Office indicating the completion date of the on-site testing.

(d) A complete test report shall be submitted to the Department no later than 60 calendar days after completion of the onsite testing portion of an emission test program.

(e) Pursuant to 25 Pa. Code Section 139.53(b) a complete test report shall include a summary of the emission results on the first page of the report indicating if each pollutant measured is within permitted limits and a statement of compliance or non-compliance with all applicable permit conditions. The summary results will include, at a minimum, the following information:

1. A statement that the owner or operator has reviewed the report from the emissions testing body and agrees with the findings.
2. Permit number(s) and condition(s) which are the basis for the evaluation.
3. Summary of results with respect to each applicable permit condition.
4. Statement of compliance or non-compliance with each applicable permit condition.

(f) Pursuant to 25 Pa. Code § 139.3 all submittals shall meet all applicable requirements specified in the most current version of the Department's Source Testing Manual.

(g) All testing shall be performed in accordance with the provisions of Chapter 139 of the Rules and Regulations of the Department of Environmental Protection.

(h) Pursuant to 25 Pa. Code Section 139.53(a)(1) and 139.53(a)(3) all submittals, besides notifications, shall be accomplished through PSIMS*Online available through <https://www.depgreenport.state.pa.us/ecom/Login.jsp> when it becomes available. If internet submittal cannot be accomplished, submittal shall be made as follows:

Regional Office:

Digital copy (only): RA-epsctestesting@pa.gov

Bureau of Air Quality:

Digital copy (only): RA-epstacktesting@pa.gov

(i) The permittee shall insure all federal reporting requirements contained in the applicable subpart of 40 CFR are followed, including timelines more stringent than those contained herein. In the event of an inconsistency or any conflicting requirements between state and the federal, the most stringent provision, term, condition, method or rule shall be used by default.

012 [25 Pa. Code §139.11]**General requirements.**

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

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

- a. A thorough source description, including a description of any air cleaning devices and the flue.
- b. Process conditions, for example, the fuel firing rate, coil coating line speed, or thermal incinerator temperature, and other conditions which may affect emissions from the process.

**SECTION C. Site Level Requirements**

- c. The location of the sampling ports.
- d. Effluent characteristics, including velocity, temperature, moisture content, gas density (percentage CO, CO₂, O₂, and N₂), static and barometric pressures.
- e. Sample collection techniques employed, including procedures used, equipment descriptions, and data to verify that isokinetic sampling for particulate matter collection occurred and that acceptable test conditions were met.
- f. Laboratory procedures and results.
- g. Calculated results.

III. MONITORING REQUIREMENTS.**# 013 [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 (e.g. Continuous Opacity Monitor).
- b. Observers, trained and qualified to measure plume opacity with the naked eye or with the aid of any device(s) approved by the Department.

014 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

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

- a. The presence of visible emissions. Visible emissions may be measured according to the methods specified in Section C, Condition #013. Alternately, plant personnel who observe visible emissions may report the incidence of visible emissions to the Department within two (2) hours of the incident and make arrangements for a certified observer to measure the visible emissions.
- b. The presence of fugitive emissions beyond the plant property boundaries, as stated in Section C, Condition #002.
- c. The presence of odorous air contaminants beyond the plant property boundaries, as stated in Section C, Condition #003.

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

The permittee shall calculate monthly air emissions from the facility using EPA AP-42 emission factors, manufacturer-supplied emission factors, or other method(s) approved by the Department in order to demonstrate compliance with the facility limits in this section.

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

The permittee shall maintain records of the air emissions in a manner approved by the Department that shows

**SECTION C. Site Level Requirements**

compliance with the limits in this permit. These shall include, but not be limited to the following:

a. Daily

1. VOC emissions
2. Hours of operation.

b. Monthly

1. VOC emissions,
2. Individual and total HAP emissions,
3. Particulate emissions,
4. NOx emissions,
5. SOx emissions,
6. CO emissions, and
7. Hours of operation.

c. 12-Month Rolling Totals

1. VOC emissions,
2. Individual total HAP emissions.

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

The permittee shall maintain records of the monthly inspections referenced in Section C, Condition #014. The records shall include, at a minimum, the following information:

- a. The name of the company representative monitoring these instances.
- b. The date and time of the observation.
- c. The wind direction during each observation.
- d. A description of any emissions and/or malodors observed and actions taken to mitigate them. If none are present, record "None."

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

The permittee shall maintain records of the monthly usage of each fuel consumed at the entire facility.

V. REPORTING REQUIREMENTS.**# 019 [25 Pa. Code §127.442]****Reporting requirements.**

[Additional authority for this condition is derived from the Operating Permit No. 06-320-001B.]

The permittee shall report malfunctions to the Department. As defined in 40 CFR Section 60.2 and incorporated by reference in 25 Pa. Code Chapter 122, 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. Failures that are caused in part by poor maintenance or careless operation are not malfunctions. Malfunctions shall be reported as follows:

- a. Any malfunction which poses an imminent danger to the public health, safety, welfare, and environment or results in, or

**SECTION C. Site Level Requirements**

may result in, the emission of air contaminants in excess of the limitations specified in this permit or applicable rule or regulation contained in Article III of the Rules and Regulations of the Department, shall be immediately reported to the Department by telephone. The telephone report of such malfunctions shall occur no later than one (1) hours after the incident. The permittee shall submit a written report of instances of such malfunctions to the Department within two (2) days of the telephone report.

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

c. Telephone reports can be made to the Reading District Office at (610) 916-0100 during normal business hours, or to the Department's Emergency Hotline at any time. The Emergency Hotline phone number is changed/updated periodically. The current Emergency Hotline phone number can be found at <https://www.dep.pa.gov/About/Regional/SouthcentralRegion/Pages/default.aspx>.

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

The permittee shall take all reasonable actions to prevent particulate matter from becoming airborne from any source specified in Section C, Condition #001(a)-(b). 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.

**# 021 [25 Pa. Code §127.444]
Compliance requirements.**

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

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: 032

Source Name: BOILER - 29.29 MMBTU/HR

Source Capacity/Throughput:

28.000 MCF/HR

NATURAL GAS

Conditions for this source occur in the following groups: SG04

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

001 [25 Pa. Code §123.11]

Combustion units

The permittee shall limit the emissions of particulate matter to 0.4 pounds per million BTU of heat input or less.

002 [25 Pa. Code §123.22]

Combustion unitsNo person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO₂, from any combustion unit, at any time, in excess of the rate of 4 pounds per million BTU of heat input over any one-hour period.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee is limited to firing only natural gas as a fuel in the boiler.

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.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall install and maintain the necessary meter(s) to determine and to record amount of fuel usage.

IV. RECORDKEEPING REQUIREMENTS.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall record the following:

- a. The monthly fuel usage,
- b. The monthly emissions from the boiler, and
- c. The 12-month rolling totals of the fuel usage and emissions.

The emissions shall be calculated using AP-42 values or any other emission rates approved by the Department.

**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) and/or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Note: § 63.11195(e) - The above boiler as defined in accordance with Section 63.11237 is a gas-fired boiler that burns gaseous fuels not combined with any solid fuels, burns liquid fuel only during periods of gas curtailment, gas supply emergencies, or periodic testing on liquid fuel which does not exceed a combined total of 48 hours during any calendar year. By operating the above boiler in this manner, the combustion unit is exempt from the requirements of 40 CFR Part 63, Subpart JJJJJJ.

**SECTION D. Source Level Requirements**

Source ID: 101

Source Name: ROTOGRAVURE PRESS 1

Source Capacity/Throughput: 2.500 Tons/HR INK

Conditions for this source occur in the following groups: SG01
SG03**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

**SECTION D. Source Level Requirements**

Source ID: 102

Source Name: ROTOGRAVURE PRESS 2

Source Capacity/Throughput: 2.500 Tons/HR INK

Conditions for this source occur in the following groups: SG01
SG03**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

**SECTION D. Source Level Requirements**

Source ID: 103

Source Name: ROTOGRAVURE PRESS 3

Source Capacity/Throughput: 0.500 Tons/HR INK

Conditions for this source occur in the following groups: SG01
SG03**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

**SECTION D. Source Level Requirements**

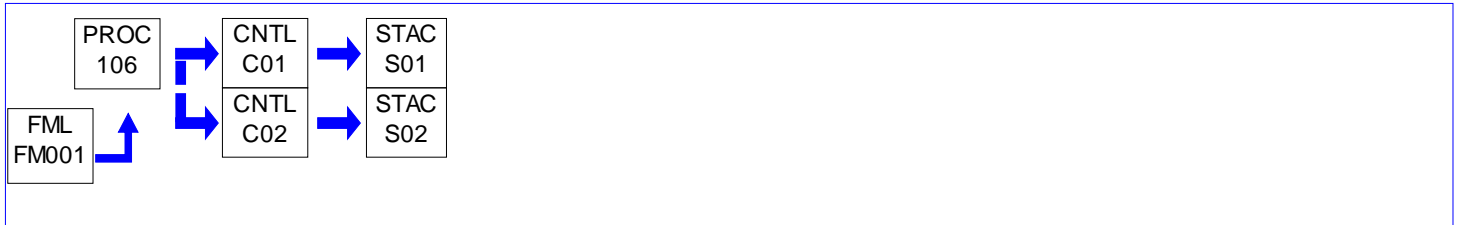
Source ID: 106

Source Name: MIXING ROOM

Source Capacity/Throughput:

7.000 Tons/HR

Conditions for this source occur in the following groups: SG02

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

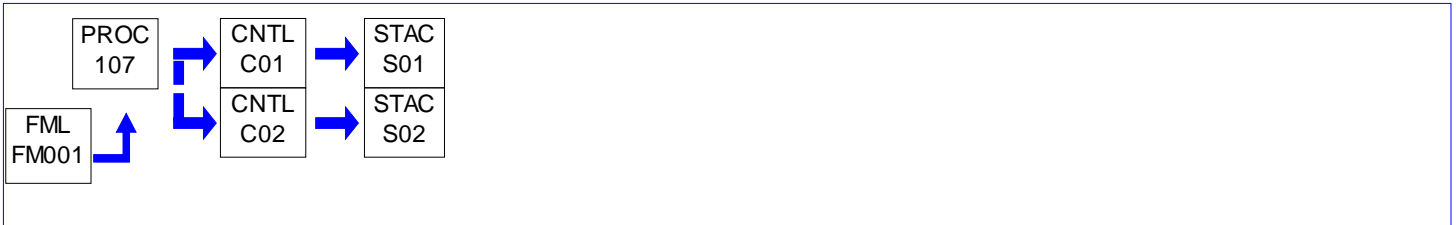
**SECTION D. Source Level Requirements**

Source ID: 107

Source Name: COLOR LAB & QC AREA

Source Capacity/Throughput: 20.000 Lbs/HR

Conditions for this source occur in the following groups: SG02

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

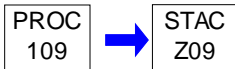
No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Requirements**

Source ID: 109

Source Name: TANK FARM

Source Capacity/Throughput: 100.000 Tons/HR SOLVENT STORAGE

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

001 [25 Pa. Code §127.441]
Operating permit terms and conditions.

The permittee shall limit the VOC emissions from the tank farm to 0.5 ton during any consecutive 12-month period.

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

The permittee shall operate the source in a manner that does not result in visible or malodorous emissions.

003 [25 Pa. Code §129.57]
Storage tanks less than or equal to 40,000 gallons capacity containing VOCs

The permittee shall equip each storage tank with pressure relief valves which are maintained in good operating condition and which are set to release at no less than 0.7 psig (4.8 kilopascals) of pressure or 0.3 psig (2.1 kilopascals) of vacuum or the highest possible pressure and vacuum in accordance with state or local fire codes or the National Fire Prevention Association guidelines or other national consensus standards acceptable to the Department.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

The permittee shall annually inspect the tanks and the pressure/vacuum relief valves to determine their integrity and that they are still operating as required. All repairs shall be made within one week of the inspection. The results of these inspections and any repairs shall be recorded in the facility's log book.

IV. RECORDKEEPING REQUIREMENTS.

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

The permittee shall record the following for each tank:

- a. Dimensions,
- b. Material constructed from,

**SECTION D. Source Level Requirements**

- c. Product stored,
- d. Monthly through-puts,
- e. Monthly emissions, and
- f. 12-month rolling total emissions.

All emissions shall be calculated using a Department approved method.

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).

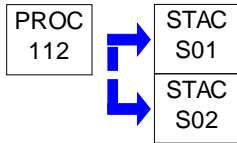
**SECTION D. Source Level Requirements**

Source ID: 112

Source Name: WEEKLY CLEAN-UP OPERATION

Source Capacity/Throughput:

Conditions for this source occur in the following groups: SG01

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

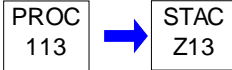
No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Requirements**

Source ID: 113

Source Name: PARTS WASHER(S)

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §129.63]****Degreasing operations**

(a) The permittee may not use in each Source ID 113 machine any solvent with a vapor pressure of 1.0 millimeter of mercury (mm Hg) or greater and containing greater than 5% VOC by weight, measured at 20°C (68°F) containing VOCs.

(b) This permit condition does not apply:

(1) If any Source ID 113 machine is used in extreme cleaning service. Extreme cleaning service is defined as the use of a cold cleaning machine to clean parts used in the manufacture of the following gases or to clean parts exposed to these gases in manufacturing, production, research and development, analytical work, or other similar operations:

- (A) Oxygen in concentrations greater than 23%
- (B) Ozone
- (C) Nitrous oxide
- (D) Fluorine
- (E) Chlorine
- (F) Bromine
- (G) Halogenated compounds

(2) If the permittee demonstrates, and the Department approves in writing, that compliance with this permit condition will result in unsafe operating conditions.

(3) To immersion cold cleaning machines with a freeboard ratio equal to or greater than 0.75.

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

(a) The permittee shall maintain the following records for each Source ID 113 machine:

- (1) The name and address of the solvent supplier.
- (2) The type of solvent including the product or vendor identification number.
- (3) The vapor pressure of the solvent measured in mm Hg at 20°C (68°F).

An invoice, bill of sale, certificate that corresponds to a number of sales, Material Safety Data Sheet (MSDS), or other

**SECTION D. Source Level Requirements**

appropriate documentation acceptable to the Department may be used to comply with this condition.

(b) The permittee shall retain these records for a minimum of two (2) years and shall make them available to the Department upon its request.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.**# 003 [25 Pa. Code §129.63]****Degreasing operations**

Each Source ID 113 machine shall be equipped with one of the following:

- (a) A cover that shall be closed at all times except during cleaning of parts or the addition or removal of solvent, or
- (b) A perforated drain with a diameter of not more than six (6) inches, if the Source ID 113 machine drains directly into the solvent storage reservoir.

004 [25 Pa. Code §129.63]**Degreasing operations**

The permittee shall operate each Source ID 113 machine in accordance with the following procedures:

- (a) Waste solvent shall be collected and stored in closed containers. The closed containers may contain a device that allows pressure relief, but does not allow liquid solvent to drain from the container.
- (b) Flushing of parts using a flexible hose or other flushing device shall be performed only within the Source ID 113 machine. The solvent spray shall be a solid fluid stream, not an atomized or shower spray.
- (c) Sponges, fabric, wood, leather, paper products and other absorbent materials may not be cleaned in any Source ID 113 machine.
- (d) Air-agitated solvent baths may not be used.
- (e) Spills during solvent transfer and use of each Source ID 113 machine shall be cleaned up immediately.

005 [25 Pa. Code §129.63]**Degreasing operations**

Each Source ID 113 machine shall have a permanent, conspicuous label summarizing the operating requirements in Condition #004, above. In addition, the label shall include the following discretionary good operating practices:

- (a) Cleaned parts should be drained at least 15 seconds or until dripping ceases, whichever is longer. Parts having cavities or blind holes shall be tipped or rotated while the part is draining. During the draining, tipping or rotating, the parts should be positioned so that solvent drains directly back to the Source ID 113 machine.
- (b) When a pump-agitated solvent bath is used, the agitator should be operated to produce a rolling motion of the solvent with no observable splashing of the solvent against the tank walls or the parts being cleaned.
- (c) Work area fans should be located and positioned so that they do not blow across the opening of the degreaser unit.

006 [25 Pa. Code §129.63]**Degreasing operations**

Immersion cold cleaning machines shall have a freeboard ratio of 0.50 or greater.

**SECTION D. Source Level Requirements****VII. ADDITIONAL REQUIREMENTS.****# 007 [25 Pa. Code §129.63]****Degreasing operations**

All of the aforementioned operating permit conditions apply to any Source ID 113 machine using 2 gallons or more of solvents containing greater than 5% VOC by weight for the cleaning of metal parts.

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Group Name: SG01

Group Description: Rotogravure Presses

Sources included in this group

ID	Name
101	ROTOGRAVURE PRESS 1
102	ROTOGRAVURE PRESS 2
103	ROTOGRAVURE PRESS 3
112	WEEKLY CLEAN-UP OPERATION

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

001 [25 Pa. Code §123.13]

Processes

The permittee shall not permit the emission to the atmosphere of particulate matter from the source in a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grain per dry standard cubic foot.

002 [25 Pa. Code §123.21]

General

The permittee may not permit the emission into the outdoor atmosphere of sulfur oxides from a source in a manner that the concentration of sulfur oxides, expressed as SO₂, in the effluent gas exceeds 500 parts per million, by volume, dry basis.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall limit the VOC emissions from the Weekly Pressroom Clean-up Operation to 0.5 tons during any consecutive 12-month period.

Control Device Efficiency Restriction(s).

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall operate each thermal oxidizer in a manner that the VOC destruction efficiency is 99 percent or greater.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall operate the sources in a manner that does not result in visible or malodorous emissions.

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall maintain a minimum combustion chamber temperature for each oxidizer that is at least as high as the average temperature measured during the most recent compliant source test for destruction efficiency, less 5%, unless otherwise approved in writing by DEP. The minimum oxidizer temperature requirement shall not apply during source testing. The temperature shall be displayed and recorded.

(b) Until a lower combustion chamber temperature is established, the permittee shall operate the Smith thermal oxidizer,

**SECTION E. Source Group Restrictions.**

Control C01, such that the average temperature in the combustion chamber is maintained at a minimum of 1422°F.

(c) Until a lower combustion chamber temperature is established, the permittee shall operate the Salem thermal oxidizer, Control C02, such that the average temperature in the combustion chamber is maintained at a minimum of 1449°F.

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

[Additional authority for this condition is derived from 40 CFR Part 60, Method 204]

The permittee shall semi-annually test for the face velocity at each permanent opening to verify the correlation with the static pressure being measured. If the face velocity is less than 500 fpm, the permittee shall conduct monitoring of the direction of the air flow for at least one hour, with checks made no more than ten minutes apart. The verification of the direction of air flow shall be by observing streamers, smoke tubes or tracer gases. The measured results shall be maintained with the enclosure monitoring and testing log book showing the date, time, tester and results.

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

A monthly inspection of the doors and permanent opening shall be conducted to verify they are operating properly and are maintained as required by this permit. The results of the inspection shall be recorded in the enclosure monitoring and testing log book showing the date, time, tester and results of the testing and monitoring.

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

The permittee shall maintain the following records for all clean-up solvents:

- a. Amounts and types of all clean-up solvents used on the sources on a monthly basis
- b. Monthly total clean-up solvents used
- c. Monthly VOC emissions resulting from their usage
- d. Monthly total weekly pressroom clean-up solvents used
- e. Monthly VOC emissions resulting from the weekly pressroom clean-up
- f. Rolling 12-month rolling total VOC emissions from the weekly pressroom clean-up
- g. Monthly amount of clean-up solvents collected and removed from the facility

The permittee shall calculate all emissions based on usage and emission factors approved by the Department.

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

The permittee shall maintain monthly records showing the following data for each coating:

- a. Coating identification,
- b. Coating use (e.g. extreme performance coating),
- c. Pounds of VOC per gallon of coating (minus water and EPA exempt solvents),
- d. Coating density,
- e. Solvent density,
- f. Percent solvents (volume) - (minus EPA exempt solvents),

**SECTION E. Source Group Restrictions.**

- g. Percent solids (volume),
- h. Percent water and EPA exempt solvents (volume),
- i. Gallons per month of coating (plus water and EPA exempt solvents),
- j. Gallons per month of coating (minus water and EPA exempt solvents), and
- k. Pounds per month of VOC emissions.

This information shall be included with the annual report required in Section B. The report shall be submitted to the Reading District Supervisor.

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

The permittee shall maintain manufacturer supplied VOC Data Sheets and/or Material Safety Sheets for all coatings and solvent used on the sources within the two (2) most recent years. These records shall be made available to the Department at any time.

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

[Additional authority for this condition is derived from 40 CFR Part 60, Method 204]

The permittee shall maintain a static pressure sensor to measure and record the static pressure differential between the enclosure and the areas of the facility to which the natural draft openings provide egress to. The records of the recorder shall be maintained in the enclosure monitoring and testing log book.

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

The average temperature for each thermal oxidizer combustion chamber during operation shall be recorded once per minute. This temperature represents the average temperature for the previous fifteen (15) minute time interval.

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

The permittee shall include the VOC emissions resulting from clean-up in the annual "AIMS" report submitted to the Department by press.

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

The permittee shall, in conjunction with the "AIMS" Report, submit an annual report each year that includes the following information for the previous calendar year for all clean-up solvent and emissions:

- a. Clean-up solvent usage by month,
 - 1. Weekly Pressroom Clean-up Operation
 - 2. All other clean-up operations
- b. VOC emissions by month
 - 1. Weekly Pressroom Clean-up Operation
 - 2. All other clean-up operations
- c. 12-month total VOC emissions
 - 1. Weekly Pressroom Clean-up Operation

**SECTION E. Source Group Restrictions.**

2. All other clean-up operations

d. Solvent collected and disposed of monthly and 12-month total

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

The permittee shall treat each period of operation of the sources, when the Smith or Salem oxidizer is below the minimum average temperature, the same as a malfunction, and shall notify the Department as required by Condition #18, Section C. This does not apply to the Weekly Pressroom Clean-up.

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

The permittee shall maintain on-site a handheld anemometer accurate to within +/- 5 percent.

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

The permittee shall maintain temperature measuring and recording devices on the thermal oxidizers that show the temperature of the gases within the combustion chamber of each oxidizer. The recordings shall be maintained in the enclosure monitoring and testing log book.

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

The permittee shall cut-back or cut off the exhaust volume from any printing station or ink well, when a press will be idling for a period of greater than twenty (20) minutes to the extent that this requirement is not inconsistent with safety and health standards.

020 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The permittee shall allow for two (2) complete room air exchanges to occur after the routine end of run clean-up operation on all presses before turning off the exhaust system and thermal oxidizer, during any shutdown of the presses. This does not include the Weekly Pressroom Clean-up Operation when it occurs while all presses are not operating.

021 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The permittee shall not operate any of the sources during the malfunction of an associated thermal oxidizer or without the associated thermal oxidizer attaining and/or maintaining the minimum average operating temperature required by this permit. The permittee shall maintain a system to notify the source operators of any oxidizer malfunctions. This does not include the Weekly Pressroom Clean-up Operation when it occurs while all presses are not operating.

022 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Additional authority for this condition is derived from 40 CFR Part 60, Method 204]

The permittee shall maintain the presses within an enclosure with a 100 percent capture rating. The permittee shall

**SECTION E. Source Group Restrictions.**

maintain the enclosure as follows:

- a. The permittee shall maintain a minimum air velocity of 200 feet per minute at each permanent opening to the enclosure. To show attainment with this limit the permittee shall maintain a negative pressure differential within the enclosure of not less than 0.007 inch (water gauge).
- b. The permittee shall ensure that all doors remain closed during operation of the presses except for an emergency. All doors opening to the outside shall be accessible only from the inside and be equipped with automatic closing devices.
- c. The permittee shall maintain strip curtains on each of the permanent openings to the enclosure.
- d. The permittee shall limit the total area of all natural draft opens to 5 percent or less of the surface area of the enclosure's four walls, floor and ceiling.
- e. The permittee shall maintain all natural draft openings at least four equivalent opening diameters from each VOC emitting point unless approved by the Administrator.
- f. The permittee shall capture and contain for discharge through a control device all VOC emissions.
- g. The direction of air flow through all natural draft openings shall be into the enclosure.

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

During the Weekly Pressroom Clean-up Operation, the permittee shall use the local exhaust fans as ventilation. the amount of local exhaust to be used shall be determined by the permittee based on the number of presses involved in the operation; and the type and amount of cleaning solvent being used. The local exhaust shall be vented through the oxidizer associated with the unit(s) being cleaned.

024 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The permittee shall limit the VOC emissions from the clean-up operations in the following manner:

- a. All solvents shall be stored in properly designed vessels that minimize emissions.
- b. All rags containing solvent shall be placed into storage containers designed to minimize emissions during storage.
- c. All rags containing solvent that are to be disposed of shall be placed in containers designed to minimize emissions and are approved for transport and disposal.

025 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The permittee shall provide a means to show the current average temperature and the historical average temperature records for each thermal oxidizer combustion chamber. The records shall be available for an inspector to review.

VII. ADDITIONAL REQUIREMENTS.**# 026 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Once during the term of this permit, the permittee shall verify the total area of natural draft openings, total area of the walls, floor and ceiling and the ratio of the two areas. This verification shall be conducted at least 180 days prior to the expiration of the permit and shall be included in the application. These measurements shall be redone whenever there is a change in either of the areas. The measurements shall be maintained at the facility in the enclosure monitoring and testing log book including the date, person(s) doing the measurements and results.

**SECTION E. Source Group Restrictions.****# 027 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Once during the term of this permit, the permittee shall verify the distances from each natural draft opening to the closest VOC emission point. This verification shall be conducted at least 180 days prior to the expiration of the permit and shall be included in the application. Each time an emission point or natural draft opening changes a new measurement shall be taken. These distances shall be maintained at the facility in the enclosure monitoring and testing log book showing the date of measurement, person(s) conducting the measurements and the results.

**SECTION E. Source Group Restrictions.**

Group Name: SG02

Group Description: Miscellaneous Sources

Sources included in this group

ID	Name
106	MIXING ROOM
107	COLOR LAB & QC AREA

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

The permittee shall limit the emissions of particulate matter to the outdoor atmosphere from the source in a manner that the concentration of particulate matter in the effluent gas does not exceed 0.04 grain per dry standard cubic foot.

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

The operation of these sources shall not result in visible or malodorous emissions.

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

The permittee shall limit the VOC emissions from the sources as follows during any consecutive 12-month period:

- a. Ink Mix Room - 1.0 ton,
- b. Ink Storage Room - 0.1 ton,
- c. Color Lab - 0.1 ton, and
- d. Quality Control Area - 0.1 ton.

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

The permittee shall record the amounts and types of solvents used on the sources on a monthly basis. These records shall be maintained in monthly totals. The permittee shall ensure that the emissions from the source includes the clean-up emissions.

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

The permittee shall record the following items for these sources:

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- a. Monthly through-puts of each source,
- b. Monthly VOC emissions of each source, and
- c. 12-month rolling total of VOC emissions of each source.

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

The permittee shall use emission factors approved by the Department in calculating the emissions from the sources.

V. REPORTING REQUIREMENTS.

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

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

Presses 1, 2 and 3, Mixing Room, Color Lab and Quality Control Area can all exhaust to the Smith thermal oxidizer simultaneously.

If the Mixing Room, Color Lab and Quality Control Area are exhausted to the Salem thermal oxidizer, then only one of the three presses (Press 1, 2 or 3) may be exhausted to the Salem oxidizer.

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

The permittee shall exhaust the following sources to one of the two thermal oxidizers during their operation:

- a. Ink Mix Room,
- b. Ink Storage Room,
- c. Color Laboratory, and
- d. Quality Control Area.

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

The permittee shall operate the thermal oxidizers as set forth in the requirements found in SG01, Section E.

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

The permittee shall not operate any source controlled by the oxidizers, if the oxidizers are malfunctioning or have not attained and/or are not maintaining the minimum average operating temperature required by this permit. The permittee shall install and maintain a system to notify the operators of the sources of any oxidizer malfunctions.

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: SG03

Group Description: 40 CFR Part 63 Subpart KK - Printing and Publishing Industry

Sources included in this group

ID	Name
101	ROTOGRAVURE PRESS 1
102	ROTOGRAVURE PRESS 2
103	ROTOGRAVURE PRESS 3

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.

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.**# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

§63.820 Applicability.

(a) The provisions of this subpart apply to:

(1) Each new and existing facility that is a major source of hazardous air pollutants (HAP), as defined in 40 CFR 63.2, at which publication rotogravure, product and packaging rotogravure, or wide-web flexographic printing presses are operated, and

(2) Each new and existing facility at which publication rotogravure, product and packaging rotogravure, or wide-web flexographic printing presses are operated for which the owner or operator chooses to commit to and meets the criteria of paragraphs (a)(2)(i) and (ii) of this section for purposes of establishing the facility to be an area source of HAP with respect to this subpart. A facility which establishes area source status through some other mechanism, as described in paragraph (a)(7) of this section, is not subject to the provisions of this subpart.

(i) Use less than 9.1 Mg (10 tons) per each rolling 12-month period of each HAP at the facility, including materials used for source categories or purposes other than printing and publishing, and

(ii) Use less than 22.7 Mg (25 tons) per each rolling 12-month period of any combination of HAP at the facility, including

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materials used for source categories or purposes other than printing and publishing.

(3) Each facility for which the owner or operator chooses to commit to and meets the criteria stated in paragraph (a)(2) of this section shall be considered an area source, and is subject only to the provisions of §§63.829(d) and 63.830(b)(1) of this subpart.

(4) Each facility for which the owner or operator commits to the conditions in paragraph (a)(2) of this section may exclude material used in routine janitorial or facility grounds maintenance, personal uses by employees or other persons, the use of products for the purpose of maintaining electric, propane, gasoline and diesel powered motor vehicles operated by the facility, and the use of HAP contained in intake water (used for processing or noncontact cooling) or intake air (used either as compressed air or for combustion).

(5) Each facility for which the owner or operator commits to the conditions in paragraph (a)(2) of this section to become an area source, but subsequently exceeds either of the thresholds in paragraph (a)(2) of this section for any rolling 12-month period (without first obtaining and complying with other limits that keep its potential to emit HAP below major source levels), shall be considered in violation of its commitment for that 12-month period and shall be considered a major source of HAP beginning the first month after the end of the 12-month period in which either of the HAP-use thresholds was exceeded. As a major source of HAP, each such facility would be subject to the provisions of this subpart as noted in paragraph (a)(1) of this section and would no longer be eligible to use the provisions of paragraph (a)(2) of this section, even if in subsequent 12-month periods the facility uses less HAP than the thresholds in paragraph (a)(2) of this section.

(6) An owner or operator of an affected source subject to paragraph (a)(2) of this section who chooses to no longer be subject to paragraph (a)(2) of this section shall notify the Administrator of such change. If, by no longer being subject to paragraph (a)(2) of this section, the facility at which the affected source is located becomes a major source:

(i) The owner or operator of an existing source must continue to comply with the HAP usage provisions of paragraph (a)(2) of this section until the source is in compliance with all relevant requirements for existing affected sources under this subpart;

(ii) The owner or operator of a new source must continue to comply with the HAP usage provisions of paragraph (a)(2) of this section until the source is in compliance with all relevant requirements for new affected sources under this subpart.

(7) Nothing in this paragraph is intended to preclude a facility from establishing area source status by limiting its potential to emit through other appropriate mechanisms that may be available through the permitting authority.

(b) This subpart does not apply to research or laboratory equipment.

(c) [NA - AFFIRMATIVE DEFENSE PROVISIONS IN MACT STANDARDS HAVE BEEN DISALLOWED BY COURT ACTION]

[61 FR 27140, May 30, 1996, as amended at 71 FR 29799, May 24, 2006; 76 FR 22597, Apr. 21, 2011]

§63.821 Designation of affected sources.

(a) The affected sources subject to this subpart are:

(1) All of the publication rotogravure presses and all related equipment, including proof presses, cylinder and parts cleaners, ink and solvent mixing and storage equipment, and solvent recovery equipment at a facility.

(2) All of the product and packaging rotogravure or wide-web flexographic printing presses at a facility plus any other equipment at that facility which the owner or operator chooses to include in accordance with paragraphs (a)(3) or (a)(4) of this section, except

(i) Proof presses, unless the owner or operator chooses to include proof presses in the affected source in accordance with paragraph (a)(5) of this section.

(ii) Any product and packaging rotogravure or wide-web flexographic press which is used primarily for coating, laminating, or other operations which the owner or operator chooses to exclude, provided that

**SECTION E. Source Group Restrictions.**

(A) the sum of the total mass of inks, coatings, varnishes, adhesives, primers, solvents, thinners, reducers, and other materials applied by the press using product and packaging rotogravure print stations and the total mass of inks, coatings, varnishes, adhesives, primers, solvents, thinners, reducers, and other materials applied by the press using wide-web flexographic print stations in each month never exceeds 5 percent of the total mass of inks, coatings, varnishes, adhesives, primers, solvents, thinners, reducers, and other materials applied by the press in that month, including all inboard and outboard stations; and

(B) The owner or operator maintains records as required in §63.829(f).

(3) The owner or operator of an affected source, as defined in paragraph (a)(2) of this section, may elect to include in that affected source stand-alone equipment subject to the following provisions:

(i) Stand-alone equipment meeting any of the criteria specified in this subparagraph is eligible for inclusion:

(A) The stand-alone equipment and one or more product and packaging rotogravure or wide-web flexographic presses are used to apply solids-containing materials to the same web or substrate; or

(B) The stand-alone equipment and one or more product and packaging rotogravure or wide-web flexographic presses apply a common solids-containing material; or

(C) A common control device is used to control organic HAP emissions from the stand-alone equipment and from one or more product and packaging rotogravure or wide-web flexographic printing presses;

(ii) All eligible stand-alone equipment located at the facility is included in the affected source; and

(iii) No product and packaging rotogravure or wide-web flexographic presses are excluded from the affected source under the provisions of paragraph (a)(2)(ii) of this section.

(4) The owner or operator of an affected source, as defined in paragraph (a)(2) of this section, may elect to include in that affected source narrow-web flexographic presses subject to the following provisions:

(i) Each narrow-web flexographic press meeting any of the criteria specified in this subparagraph is eligible for inclusion:

(A) The narrow-web flexographic press and one or more product and packaging rotogravure or wide-web flexographic presses are used to apply solids containing material to the same web or substrate; or

(B) The narrow-web flexographic press and one or more product and packaging rotogravure or wide-web flexographic presses apply a common solids-containing material; or

(C) A common control device is used to control organic HAP emissions from the narrow-web flexographic press and from one or more product and packaging rotogravure or wide-web flexographic presses; and

(ii) All eligible narrow-web flexographic presses located at the facility are included in the affected source.

(5) The owner or operator of an affected source, as defined in paragraph (a)(2) of this section, may elect to include in that affected source rotogravure proof presses or flexographic proof presses subject to the following provisions:

(i) Each proof press meeting any of the criteria specified in this subparagraph is eligible for inclusion.

(A) The proof press and one or more product and packaging rotogravure or wide-web flexographic presses apply a common solids-containing material; or

(B) A common control device is used to control organic HAP emissions from the proof press and from one or more product and packaging rotogravure or wide-web flexographic presses; and

(ii) All eligible proof presses located at the facility are included in the affected source.

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(6) Affiliated operations such as mixing or dissolving of ink or coating ingredients prior to application; ink or coating mixing for viscosity adjustment, color tint or additive blending, or pH adjustment; cleaning of ink or coating lines and line parts; handling and storage of inks, coatings, and solvents; and conveyance and treatment of wastewater are part of the printing and publishing industry source category, but are not part of the product and packaging rotogravure or wide-web flexographic printing affected source.

(7) Other presses are part of the printing and publishing industry source category, but are not part of the publication rotogravure affected source or the product and packaging rotogravure or wide-web flexographic printing affected source and are, therefore, exempt from the requirements of this subpart except as provided in paragraph (a)(3) of this section.

(8) Narrow web-flexographic presses are part of the printing and publishing industry source category, but are not part of the publication rotogravure affected source or the product and packaging rotogravure or wide-web flexographic printing affected source and are, therefore, exempt from the requirements of this subpart except as provided in paragraphs (a)(3) through (5) of this section.

(b) [NA - NOT MAJOR HAP FACILITY]

(c) [NA - NOT MAJOR HAP FACILITY]

[61 FR 27140, May 30, 1996, as amended at 71 FR 29799, May 24, 2006]

§63.822 Definitions.

[INCLUDED BY REFERENCE]

§63.823 Standards: General.

[NA PER 63.820(a)(3)]

§63.824 Standards: Publication rotogravure printing.

[NA PER 63.820(a)(3)]

§63.825 Standards: Product and packaging rotogravure and wide-web flexographic printing.

[NA PER 63.820(a)(3)]

§63.826 Compliance dates.

[NA PER 63.820(a)(3)]

§63.827 Performance test methods.

[NA PER 63.820(a)(3)]

§63.828 Monitoring requirements.

[NA PER 63.820(a)(3)]

§63.829 Recordkeeping requirements.

(a), (b) & (c) [NA PER 63.820(a)(3)]

(d) The owner or operator of each facility which commits to the criteria of §63.820(a)(2) shall maintain records of all required measurements and calculations needed to demonstrate compliance with these criteria, including the mass of all HAP containing materials used and the mass fraction of HAP present in each HAP containing material used, on a monthly basis.

**SECTION E. Source Group Restrictions.**

(e), (f), (g) & (h) [NA PER 63.820(a)(3)]

[61 FR 27140, May 30, 1996, as amended at 71 FR 29804, May 24, 2006; 76 FR 22598, Apr. 21, 2011]

§63.830 Reporting requirements.

(a) [NA PER 63.820(a)(3)]

(b) [NA - INITIAL NOTIFICATION IS IN THE PAST]

(c) [NA PER 63.820(a)(3)]

[61 FR 27140, May 30, 1996, as amended at 71 FR 29804, May 24, 2006; 76 FR 22598, Apr. 21, 2011; 85 FR 73895, Nov. 19, 2020]

§63.831 Implementation and enforcement.

[NA - INCORPORATED BY REFERENCE]

[68 FR 37354, June 23, 2003]

Regulatory Changes

Individual sources within this source group that are subject to 40 CFR Part 63 Subpart KK shall comply with all applicable requirements of the Subpart. 40 CFR 63.13(a) requires submission of copies of all requests, reports and other communications to both the Department and the EPA. The EPA copies shall be forwarded to:

U.S. EPA
Region III, Air and Radiation Division
Permits Branch (3AD10)
Four Penn Center
1600 John F. Kennedy Boulevard
Philadelphia, PA 19103-2852

The DEP copies shall be forwarded to the DEP SCRO Air Quality Program Manager at wiveaver@pa.gov, unless otherwise directed in writing by DEP.

In the event that the Federal Subpart that is the subject of this Source Group is revised, the permittee shall comply with the revised version of the subpart, and shall not be required to comply with any provisions in this permit designated as having the subpart as their authority, to the extent that such permit provisions would be inconsistent with the applicable provisions of the revised subpart.

**SECTION E. Source Group Restrictions.**

Group Name: SG04

Group Description: 40 CFR Part 60 Subpart Dc - Boilers

Sources included in this group

ID	Name
032	BOILER - 29.29 MMBTU/HR

I. RESTRICTIONS.**Emission Restriction(s).****# 001 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.42c]****Subpart Dc - Standards of Performance for Small Industrial- Commercial-Institutional Steam Generating Units Standard for sulfur dioxide.**

(a) thru (c) NA - FACILITY DOES NOT COMBUST COAL

(d) NA - FACILITY DOES NOT COMBUST OIL

(e) NA - FACILITY DOES NOT COMBUST OIL OR COAL

(f) NA - FUEL NOT PRETREATED

(g) NA - FACILITY DOES NOT COMBUST OIL OR COAL

(h) For affected facilities listed under paragraphs (h)(1), (2), (3), or (4) of this section, compliance with the emission limits or fuel oil sulfur limits under this section may be determined based on a certification from the fuel supplier, as described under § 60.48c(f), as applicable.

(1) thru (3) NA - FACILITY DOES NOT COMBUST OIL OR COAL

(4) NA - FUEL SUPPLIER CERTIFICATION IS NOT REQUIRED FOR NATURAL GAS

(i) NA - FACILITY DOES NOT COMBUST OIL OR COAL

(j) NA - FACILITY LOCATED IN CONTINENTAL AREA

002 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.43c]**Subpart Dc - Standards of Performance for Small Industrial- Commercial-Institutional Steam Generating Units Standard for particulate matter.**

(a) NA - FACILITY DOES NOT COMBUST COAL

(b) NA - FACILITY DOES NOT COMBUST WOOD

(c), (d) & (e) NA - FACILITY DOES NOT COMBUST WOOD, COAL OR OIL

II. TESTING REQUIREMENTS.**# 003 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.44c]****Subpart Dc - Standards of Performance for Small Industrial- Commercial-Institutional Steam Generating Units Compliance and performance test methods and procedures for sulfur dioxide.**

(a) thru (j) NA - FACILITY DOES NOT COMBUST COAL, WOOD OR OIL

004 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.45c]**Subpart Dc - Standards of Performance for Small Industrial- Commercial-Institutional Steam Generating Units Compliance and performance test methods and procedures for particulate matter.**

(a) NA - BOILERS ARE NOT SUBJECT TO 60.43C PM STANDARDS

(b) thru (d) NA - PM STANDARD DOES NOT APPLY

**SECTION E. Source Group Restrictions.****III. MONITORING REQUIREMENTS.****# 005 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.46c]
Subpart Dc - Standards of Performance for Small Industrial- Commercial-Institutional Steam Generating Units
Emission monitoring for sulfur dioxide**

- (a) NA - FACILITY DOES NOT COMBUST COAL, WOOD OR OIL
- (b) & (c) NA - NOT USING CEMS
- (d) & (e) NA - FACILITY DOES NOT COMBUST COAL, WOOD OR OIL
- (f) NA - NOT USING CEMS

**# 006 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.47c]
Subpart Dc - Standards of Performance for Small Industrial- Commercial-Institutional Steam Generating Units
Emission monitoring for particulate matter.**

- (a) NA - FACILITY NOT SUBJECT TO 60.43C PM STANDARDS.
- (b) NA - FACILITY DOES NOT OPERATE A CONTINUOUS OPACITY MONITORING SYSTEM (COMS)
- (c) NA - FACILITY NOT SUBJECT TO 60.43C PM STANDARDS.
- (d) NA - FACILITY DOES NOT USE CEM
- (e) NA - FACILITY NOT SUBJECT TO 60.43C PM STANDARDS AND DOES NOT USE COMS
- (f) NA - FACILITY NOT SUBJECT TO 60.43C PM STANDARDS

IV. RECORDKEEPING REQUIREMENTS.**# 007 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.48c]
Subpart Dc - Standards of Performance for Small Industrial- Commercial-Institutional Steam Generating Units
Reporting and recordkeeping requirements.**

- (a) thru (f) listed under reporting requirements
- (g)(1) Except as provided under paragraphs (g)(2) and (g)(3) of this section, the owner or operator of each affected facility shall record and maintain records of the amount of each fuel combusted during each operating day.
- (g)(2) As an alternative to meeting the requirements of paragraph (g)(1) of this section, the owner or operator of an affected facility that combusts only natural gas, wood, fuels using fuel certification in § 60.48c(f) to demonstrate compliance with the SO₂ standard, fuels not subject to an emissions standard (excluding opacity), or a mixture of these fuels may elect to record and maintain records of the amount of each fuel combusted during each calendar month.
- (g)(3) As an alternative to meeting the requirements of paragraph (g)(1) of this section, the owner or operator of an affected facility or multiple affected facilities located on a contiguous property unit where the only fuels combusted in any steam generating unit (including steam generating units not subject to this subpart) at that property are natural gas, wood, distillate oil meeting the most current requirements in § 60.42C to use fuel certification to demonstrate compliance with the SO₂ standard, and/or fuels, excluding coal and residual oil, not subject to an emissions standard (excluding opacity) may elect to record and maintain records of the total amount of each steam generating unit fuel delivered to that property during each calendar month.
- (h) NA - FACILITY NOT SUBJECT TO ANNUAL CAPACITY FACTOR
- (i) All records required under this section shall be maintained by the owner or operator of the affected facility for a period of two years following the date of such record.
- (j) Listed under reporting requirements

**SECTION E. Source Group Restrictions.****V. REPORTING REQUIREMENTS.****# 008 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.48c]****Subpart Dc - Standards of Performance for Small Industrial- Commercial-Institutional Steam Generating Units Reporting and recordkeeping requirements.**

(a) The owner or operator of each affected facility shall submit notification of the date of construction or reconstruction and actual startup, as provided by § 60.7 of this part. This notification shall include:

- (1) The design heat input capacity of the affected facility and identification of fuels to be combusted in the affected facility.
- (2) If applicable, a copy of any federally enforceable requirement that limits the annual capacity factor for any fuel or mixture of fuels under § 60.42c, or § 60.43c.
- (3) The annual capacity factor at which the owner or operator anticipates operating the affected facility based on all fuels fired and based on each individual fuel fired.
- (4) Notification if an emerging technology will be used for controlling SO₂ emissions. The Administrator will examine the description of the control device and will determine whether the technology qualifies as an emerging technology. In making this determination, the Administrator may require the owner or operator of the affected facility to submit additional information concerning the control device. The affected facility is subject to the provisions of § 60.42c(a) or (b)(1), unless and until this determination is made by the Administrator.

(b) NA - FACILITY IS NOT SUBJECT TO 60.42C EMISSION LIMITS OR 60.43C PM STANDARDS.

(c) NA - FACILITY IS NOT SUBJECT TO 60.43C PM STANDARDS

(d) & (e) NA - FACILITY IS NOT SUBJECT TO 60.42C EMISSION LIMITS

(f) NA - FUEL SUPPLIER CERTIFICATION IS NOT REQUIRED FOR NATURAL GAS/BIO GAS

(g), (h) & (i) listed under recordkeeping requirements

(j) NA - FUEL REPORTS ARE NOT REQUIRED

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

In the event that the Federal Subpart that is the subject of this Source Group is revised, the permittee shall comply with the revised version of the subpart, and shall not be required to comply with any provisions in this permit designated as having the subpart as their authority, to the extent that such permit provisions would be inconsistent with the applicable provisions of the revised subpart.

010 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.40c]**Subpart Dc - Standards of Performance for Small Industrial- Commercial-Institutional Steam Generating Units Applicability and delegation of authority.**

Boiler ID 032 is subject to Subpart Dc of the Standards of Performance for New Stationary Sources and shall comply with all applicable requirements of this Subpart. 40 CFR Section 60.4 requires submission of copies of all requests, reports, applications, submittals and other communications to both EPA and the Department. The EPA copies shall be forwarded to:

U.S. EPA
 Region III, Air and Radiation Division
 Permits Branch (3AD10)
 Four Penn Center
 1600 John F. Kennedy Boulevard

**SECTION E. Source Group Restrictions.**

Philadelphia, PA 19103-2852

The DEP copies shall be forwarded to the DEP SCRO Air Quality Program Manager at wiveaver@pa.gov, unless otherwise directed in writing by DEP.



SECTION F. Alternative Operation Requirements.

No Alternative Operations exist for this State Only facility.



SECTION G. Emission Restriction Summary.

No emission restrictions listed in this section of the permit.



SECTION H. Miscellaneous.

This permit incorporates the conditions of operating permit 06-05090 issued June 13, 2018 and supersedes that permit.



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