



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

STATE ONLY NATURAL MINOR OPERATING PERMIT

Issue Date: July 8, 2025

Effective Date: July 8, 2025

Expiration Date: July 7, 2030

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: 19-00031

Natural Minor

Federal Tax Id - Plant Code: 24-0829772-1

Owner Information

Name: PRESS ENTERPRISE INC
Mailing Address: 3185 LACKAWANNA AVE
BLOOMSBURG, PA 17815-3329

Plant Information

Plant: PRESS ENTERPRISE/BLOOMSBURG PLT
Location: 19 Columbia County 19931 Scott Township
SIC Code: 2711 Manufacturing - Newspapers

Responsible Official

Name: PAUL EYERLY
Title: PRESIDENT
Phone: (570) 784 - 2121 Email: paul.eyerly@pressenterprise.net

Permit Contact Person

Name: WILLIAM C REESE
Title: PRESS ROOM SUPERVISOR
Phone: (570) 854 - 0569 Ext.1518 Email: bill.reese@pressenterprise.net

[Signature] _____
MUHAMMAD Q. ZAMAN, ENVIRONMENTAL PROGRAM MANAGER, NORTHCENTRAL REGION



SECTION A. Table of Contents

Section A. Facility/Source Identification

Table of Contents
Site Inventory List

Section B. General State Only Requirements

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

Section C. Site Level State Only Requirements

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

Section D. Source Level State Only Requirements

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

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

Section E. Source Group Restrictions

- E-I: Restrictions



SECTION A. Table of Contents

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

Section F. Alternative Operating Scenario(s)

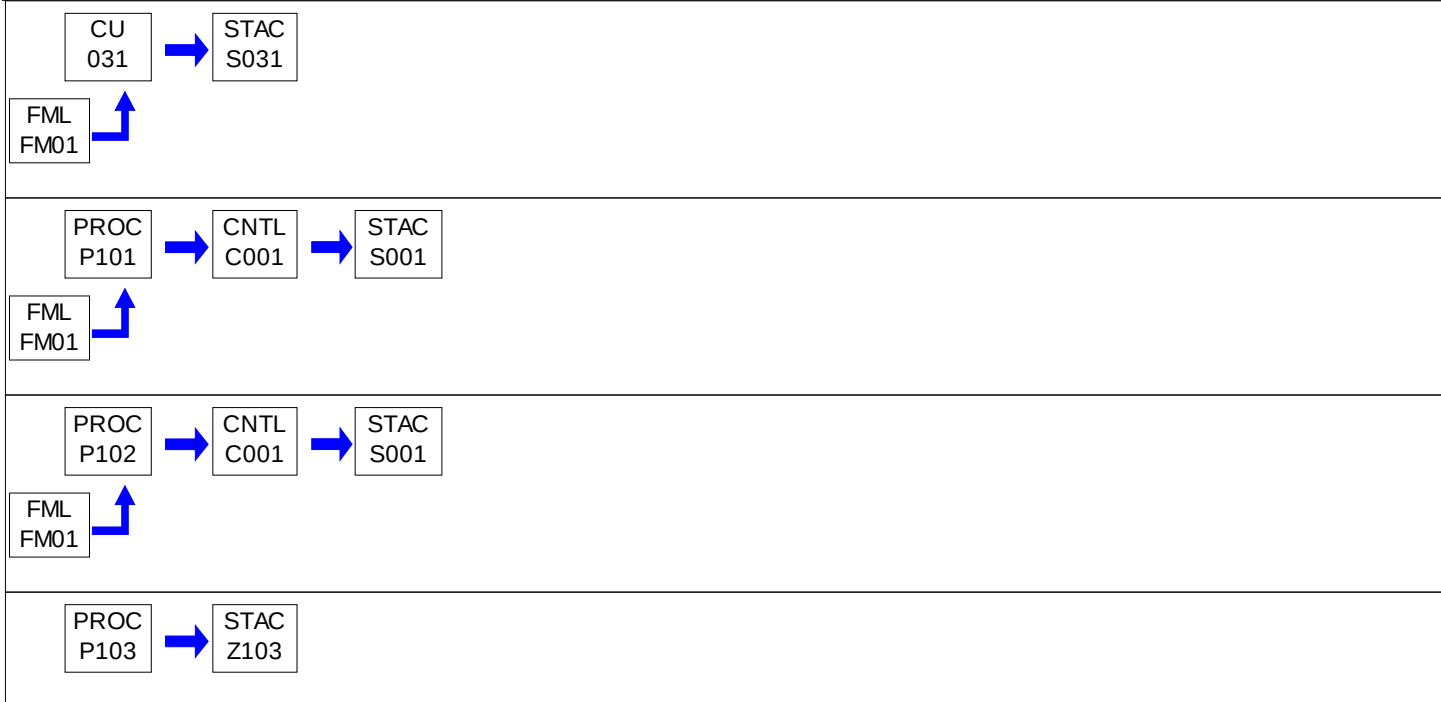
F-I: Restrictions
F-II: Testing Requirements
F-III: Monitoring Requirements
F-IV: Recordkeeping Requirements
F-V: Reporting Requirements
F-VI: Work Practice Standards
F-VII: Additional Requirements

Section G. Emission Restriction Summary

Section H. Miscellaneous

**SECTION A. Site Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
031	NATURAL GAS-FIRED SPACE HEATERS		
P101	#1 HEATSET WEB OFFSET LITHOGRAPHIC PRINTING PRESS		
P102	#2 HEATSET WEB OFFSET LITHOGRAPHIC PRINTING PRESS		
P103	GOSS NON-HEATSET WEB OFFSET LITHOGRAPHIC PRINTING PRESS		
P104	HARRIS NON-HEATSET WEB OFFSET LITHOGRAPHIC PRINTING PRESS		
P106	COLD BATCH DEGREASERS		
P107	EMERGENCY GENERATOR ENGINE		
P109	HEWLETT PACKARD SCITEX FB700 PIEZOELECTRIC PRINTER		
P110	RYOBI NON-HEATSET SHEET-FED OFFSET LITHOGRAPHIC PRINT PRESS		
C001	REGENERATIVE THERMAL OXIDIZER		
FM01	NATURAL GAS		
S001	RTO STACK		
S031	SPACE HEATER EXHAUST		
S107	GENERATOR STACK		
Z103	FUGITIVE VOCS		
Z104	FUGITIVE VOCS		
Z106	FUGITIVE VOCS		
Z109	FUGITIVE VOCS		
Z110	FUGITIVE VOCS		

PERMIT MAPS

**PERMIT MAPS**

PROC
P104 → STAC
Z104

PROC
P106 → STAC
Z106

PROC
P107 → STAC
S107

FML
FM01 ↗

PROC
P109 → STAC
Z109

PROC
P110 → STAC
Z110

**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 § 127.11a]**Reactivation of Sources**

(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 permit the emission of fugitive air contaminants into the outdoor atmosphere from a source other than the following:

- (1) Construction or demolition of buildings or structures.
- (2) Grading, paving and maintenance of roads and streets.
- (3) Use of roads and streets. Emissions from material in or on trucks, railroad cars and other vehicular equipment are not considered as emissions from use of roads and streets.
- (4) Clearing of land.
- (5) Stockpiling of materials.
- (6) Open burning operations.
- (7) Blasting in open pit mines. Emissions from drilling are not considered emissions from blasting.
- (8) Sources and classes of sources other than those identified above, for which the permittee has obtained a determination from the Department that fugitive emissions from the source, after appropriate control, meet the following requirements:

- (a) The emissions are of minor significance with respect to causing air pollution; and
- (b) The emissions are not preventing or interfering with the attainment or maintenance of any ambient air quality standard.

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

The permittee shall not permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in (1) through (8) in condition #001 herein if the emissions are visible at the point the emissions pass outside the permittee's property.

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

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

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

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

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

- (1) The presence of uncombined water is the only reason for failure of the emission to meet the limitations;
- (2) The emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions;
- (3) The emissions results from sources specified in (1) through (8) in condition #001 herein.

II. TESTING REQUIREMENTS.**# 005 [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 a 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.

006 [25 Pa. Code §139.11]**General requirements.**

- (1) As specified in 25 Pa. Code Section 139.11(1), performance tests shall be conducted while the respective 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.
- (2) As specified in 25 Pa. Code Section 139.11(2), the Department will consider test results for approval where sufficient



SECTION C. Site Level Requirements

information is provided to verify the source conditions existing at the time of the test and where adequate data is available to show the manner in which the test was conducted. Information submitted to the Department shall include, as a minimum all of the following:

- (a) A thorough source description, including a description of any air cleaning devices and the flue.
- (b) Process conditions, for example, the charging rate of raw materials or the rate of production of final product, boiler pressure, oven temperature and other conditions which may effect emissions from the process.
- (c) The location of 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.

007 [25 Pa. Code §123.43]

Measuring techniques

Visible emissions may be measured using either of the following:

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

IV. RECORDKEEPING REQUIREMENTS.

008 [25 Pa. Code §135.5]

Recordkeeping

The permittee shall maintain such records including computerized records as may be necessary to comply with 25 Pa. Code Sections 135.3 and 135.21. These may include records of production, fuel usage, 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.

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

V. REPORTING REQUIREMENTS.

009 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall submit all requested reports in accordance with the Department's suggested format.

010 [25 Pa. Code §127.442]

Reporting requirements.

- (a) The permittee shall report malfunctions, emergencies or incidents of excess emissions to the Department. A malfunction is any sudden, infrequent, and not reasonably preventable failure of air pollution control equipment, process equipment, or a process to operate in a normal or usual manner. An emergency is any situation arising from sudden and reasonably unforeseeable events beyond the control of the owner or operator of a facility which requires immediate corrective action to restore normal operation and which causes the emission source to exceed emissions, due to unavoidable increases in emissions attributable to the situation. An emergency shall not include situations caused by improperly designed equipment, lack of preventive maintenance, careless or improper operation, or operator error.
- (b) When the malfunction, emergency or incident of excess emissions poses an imminent danger to the public health, safety, welfare, or environment, it shall be reported to the Department and the County Emergency Management Agency by telephone within one (1) hour after the discovery of the malfunction, emergency or incident of excess emissions. The owner or operator shall submit a written or emailed report of instances of such malfunctions, emergencies or incidents of excess emissions to the Department within three (3) business days of the telephone report.

**SECTION C. Site Level Requirements**

(c) The report shall describe the following:

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

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

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

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

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

011 [25 Pa. Code §135.3]

Reporting

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

(2) A person who receives initial notification by the Department that an annual AIMS report is necessary shall submit an initial annual AIMS report within 60 days after receiving the notification or by March 1 of the year following the year for which the report is required, whichever is later.

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

VI. WORK PRACTICE REQUIREMENTS.

012 [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 (1) through (8) in condition #001 herein. These actions shall include, but not limited to, the following:

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

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

(3) Paving and maintenance of roadways.

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

VII. ADDITIONAL REQUIREMENTS.

013 [25 Pa. Code §121.7]

Prohibition of air pollution.

The permittee shall not permit air pollution as that term is defined in the Pennsylvania Air Pollution Control Act (35 P.S.

**SECTION C. Site Level Requirements**

Sections 4001-4015).

014 [25 Pa. Code §123.31]**Limitations**

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

015 [25 Pa. Code §129.14]**Open burning operations**

The permittee shall not permit the open burning of material at this facility unless in accordance with 25 Pa. Code Section 129.14.

VIII. COMPLIANCE CERTIFICATION.

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

IX. COMPLIANCE SCHEDULE.

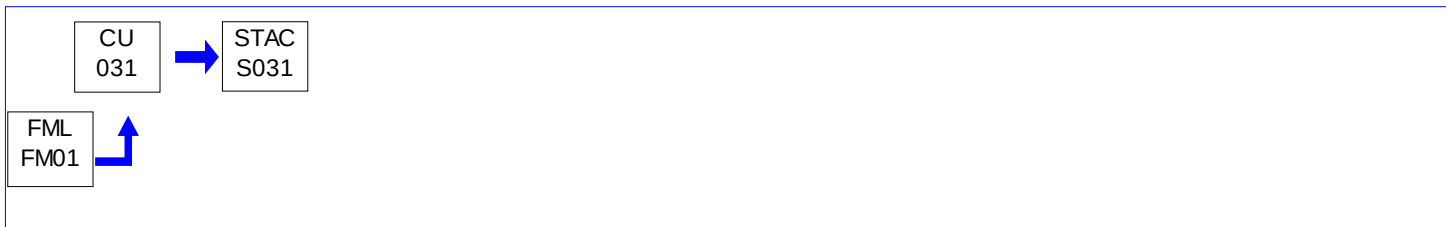
No compliance milestones exist.

**SECTION D. Source Level Requirements**

Source ID: 031

Source Name: NATURAL GAS-FIRED SPACE HEATERS

Source Capacity/Throughput:

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

001 [25 Pa. Code §123.22]

Combustion units

The permittee shall not permit the emission of sulfur oxides, expressed as SO₂, into the outdoor atmosphere from each combustion unit incorporated in Source 031 in excess of 4 pounds per million Btu of heat input over any 1-hour period.

Fuel Restriction(s).

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The combustion units incorporated in Source 031 shall only be fired on natural gas.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (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.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

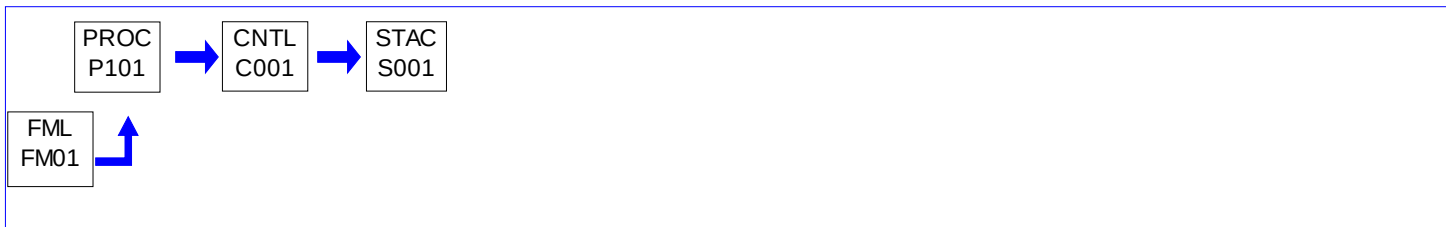
Source 031 is comprised of five (5) 0.13 MMBtu per hour, natural gas-fired Reznor model FE200 space heaters.

**SECTION D. Source Level Requirements**

Source ID: P101

Source Name: #1 HEATSET WEB OFFSET LITHOGRAPHIC PRINTING PRESS

Source Capacity/Throughput:

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

The permittee shall not permit the emission of particulate matter into the outdoor atmosphere from Source P101 in such a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grains per dry standard cubic foot of effluent gas volume.

002 [25 Pa. Code §123.21]**General**

The permittee shall not permit the emission of sulfur oxides, expressed as sulfur dioxide (SO₂), into the outdoor atmosphere from Source P101 in such a manner that the concentration of the sulfur oxides in the effluent gas exceeds 500 parts per million, by volume, dry basis.

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

[Additional authority for this permit condition is derived from 25 PA Code Section 127.1 and 127.12]

The total combined emission of volatile organic compounds from Source P101 and Source P102 shall not exceed 5.62 tons in any 12 consecutive month period.

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

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

The total combined emission of volatile hazardous air pollutants from Source P101 and Source P102 shall not exceed 1.42 tons in any 12 consecutive month period.

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

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

The dryers incorporated in Source P101 and Control Device C001 shall only be fired on natural gas.

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

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

The total combined amount of fountain solution additive used by Source P101 and Source P102 shall not exceed 8,600 gallons in any 12 consecutive month period.

**SECTION D. Source Level Requirements****# 007 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

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

The total combined amount of blanket wash solution used by Source P101 and Source P102 shall not exceed 700 gallons in any 12 consecutive month period.

Control Device Efficiency Restriction(s).**# 008 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1, 127.12 and 129.67b]

The capture efficiency of the volatile organic compound capture system associated with the two dryers incorporated in Source P101 shall be 100%.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1, 127.12 and 129.67b]

The volatile organic compound destruction efficiency of Control Device C001 shall be equal to or greater than 98%.

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

[Additional authority for this permit condition is derived from 25 PA Code Section 129.67b]

The permittee shall determine the VOC content of as-applied fountain solution for P101 and P102 by one of the following procedures:

- (a) Analysis by USEPA Method 24 of the as-applied fountain solution mixture,
- (b) Maintenance onsite of MSDS, CPDS or other data provided by the manufacturer of the fountain solution that indicates the VOC content of the press-ready (as applied) fountain solution.
- (c) Calculation which combines USEPA Method 24 analytical VOC content data for the concentrated materials used to prepare the press ready fountain solution and records of the proportions in which they are mixed. The calculation shall only be performed once for each press ready fountain solution and the recipe kept in the form of a batch log. The analysis of the concentrated fountain solution may be performed by the supplier(s) of those materials and those results provided to the permittee.

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

[Additional authority for this permit condition is derived from 25 PA Code Section 129.67b]

The permittee shall determine the VOC content or VOC composite partial vapor pressure of blanket and roller cleaning solutions for P101 and P102 by one of the following procedures:

- (a) Analysis by USEPA Method 24 of the as-applied cleaning solution mixture for VOC content or by an appropriate method for composite partial vapor pressure,
- (b) Maintenance onsite of MSDS, CPDS, or other data provided by the manufacturer of the press-ready (as applied) cleaning solution that indicates the VOC content or the VOC composite partial vapor pressure, or both, of the press-ready (as applied) cleaning solution.

**SECTION D. Source Level Requirements**

(c) Calculation which combines USEPA Method 24 analytical VOC content data for the concentrated materials used to prepare the press ready cleaning solution and records of the proportions in which they are mixed. The calculation shall only be performed once for each press ready cleaning solution and kept in the form of a batch log. The analysis of the concentrated cleaning solution may be performed by the supplier(s) of those materials and those results provided to the permittee.

(d) Calculation for VOC composite partial vapor pressure which combines analytical VOC vapor pressure data for the concentrated materials used to prepare the press ready cleaning solution and records of the proportions in which they are mixed. The analysis and vapor pressure determinations of the concentrated material(s) may be performed by the suppliers(s) of those materials and those results provided to the permittee.

(e) Another method to determine compliance with the VOC content limits for cleaning solutions if the following requirements are met:

- (1) The facility owner or operator submits a request, in writing, to the appropriate regional office of the Department for approval of the alternative method.
- (2) The request demonstrates that the alternative method provides results that accurately determine the cleaning solution VOC content or VOC composite partial vapor pressure.
- (3) The Department provides prior written approval of the alternative method.

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

[Additional authority for this permit condition is derived from 25 PA Code Section 129.67b]

The permittee must demonstrate reduction in VOC emissions from the control device, determined in accordance with 129.67b (h). Stack testing shall be performed within 180 days of permit issuance.

(a) Pursuant to 25 Pa. Code § 139.3, at least ninety (90) calendar days prior to commencing an EPA reference method testing program, a test protocol shall be submitted to the Department for review and approval. One electronic copy shall be sent to the Northcentral Regional Office Air Quality Program Manager (RA-EPNCstacktesting@pa.gov) and one electronic copy shall be sent to the PSIMS Administrator in Central Office (RA-EPstacktesting@pa.gov). The test protocol shall meet all applicable requirements specified in the most current version of the Department's Source Testing Manual.

(b) Pursuant to 25 Pa. Code § 139.3, at least 15 calendar days prior to commencing an emission testing program, notification as to the date and time of testing shall be given to the Northcentral Regional Office. Notification shall also be sent to the Division of Source Testing and Monitoring. Notification shall not be made without prior receipt of a protocol acceptance letter from the Department.

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

(d) Pursuant to 25 Pa. Code § 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 noncompliance 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.

(e) 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.

**SECTION D. Source Level Requirements**

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

(g) Pursuant to 25 Pa. Code § 139.53(a)(1) and 139.53(a)(3), one electronic copy of all submittals, besides notifications, shall be sent to the Northcentral Regional Office Air Quality Program Manager. In addition, one electronic copy shall be sent to the PSIMS Administrator in Central Office using the emails above when the file is 35 MB or less, or a flash drive when the file is over 35 MB.

(h) 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.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1, 127.12 and 129.67b]

Control Device C001 shall be equipped with instrumentation to continuously monitor and record the temperature of the combustion chamber of the device, as well as incorporate interlocks to prevent operation of the dryers associated with Source P101 at any time the temperature of the combustion chamber of Control Device C001 is less than 1575°F.

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

[Compliance with this permit condition assures compliance with the requirements of 25 PA Code Section 129.67b]

The permittee shall maintain accurate and comprehensive records of the following:

- (1) The identity, quantity (expressed in pounds), volatile organic content and volatile hazardous air pollutant content of each ink used in Source P101 each month.
- (2) The identity, quantity (expressed in gallons), vapor pressure, volatile organic content and volatile hazardous air pollutant content of each fountain solution additive used in Source P101 each month.
- (3) The identity, quantity (expressed in gallons), vapor pressure, volatile organic content and volatile hazardous air pollutant content of each blanket wash solution used in Source P101 each month.
- (4) The mix ratio(s) of the fountain solution (amount of fountain solution additive per amount of water) and the as-applied volatile organic content of the mixture used in Source P101 each month.
- (5) All combustion chamber temperature records generated each month by the continuous combustion chamber temperature monitoring and recording system associated with Control Device C001.
- (6) The calculations used to verify compliance with the volatile organic compound and volatile hazardous air pollutant emission limitations in any 12 consecutive month period for Sources P101 and P102.
- (7) The calculations used to verify compliance with the fountain solution additive and blanket wash solution usage limitations in any 12 consecutive month period for Sources P101 and P102.

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

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

[Additional authority for this condition is derived from 25 PA Code Section 129.67b]

All control device monitoring equipment shall be installed, calibrated, operated, and maintained according to manufacturer's specifications at all times. Records shall be maintained for all maintenance performed on the control device and monitoring

**SECTION D. Source Level Requirements**

equipment, including the date and type of maintenance. All records generated pursuant to the is condition shall be retained for a minimum of 5 years and shall be made available to the Department upon request.

016 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this condition is derived from 25 PA Code Section 129.67b]

Records shall be maintained on site for all MSDS, CPDS or other data provided by manufacturers for each ink, fountain solution, and blanket wash indicating % VOC by weight and vapor pressures. All records generated pursuant to the is condition shall be retained for a minimum of 5 years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

017 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Compliance with this permit condition assures compliance with the requirements of 25 PA Code 129.67b.]

The permittee shall submit quarterly reports of the following:

- (1) The identity, quantity (expressed in pounds), volatile organic content and volatile hazardous air pollutant content of each ink used each month in Source P101 during the quarter.
- (2) The identity, quantity (expressed in gallons), vapor pressure, volatile organic content and volatile hazardous air pollutant content of each fountain solution additive used each month in Source P101 during the quarter.
- (3) The identity, quantity (expressed in gallons), vapor pressure, volatile organic content and volatile hazardous air pollutant content of each blanket wash solution used each month in Source P101 during the quarter.
- (4) The records of calculations used to verify compliance with the volatile organic compound and volatile hazardous air pollutant emission limitations in any 12 consecutive month period for Sources P101 and P102 for each month during the quarter.
- (5) The records of calculations used to verify compliance with the fountain solution additive and blanket wash solution usage limitations in any 12 consecutive month period for Sources P101 and P102 for each month during the quarter.
- (6) The mix ratio(s) and as-applied volatile organic content of the fountain solution mixture used in Source P101 and P102 each month.

The quarterly reports shall be submitted to the Department by no later than April 30 for the preceding January 1 to March 31 time period, July 31 for the preceding April 1 to June 30 time period, October 31 for the preceding July 1 to September 30 time period and January 31 for the preceding October 1 to December 31 time period.

VI. WORK PRACTICE REQUIREMENTS.

018 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

The combustion chamber of Control Device C001 shall be maintained at a temperature of at least 1575°F any time Source P101 is operating.

019 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1, 127.12 and 129.67b]

All VOC-containing cleaning solutions, waste cleaning solutions, and solvent-laden rags or cloths used for cleanup in Source P101 shall be stored in closed containers while not in use. All cleaning activities shall minimize the evaporation of solvents into the atmosphere.

**SECTION D. Source Level Requirements****# 020 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 PA Code Section 129.67b]

The control device must be operated at a three hour average temperature not lower than 50°F below the average temperature demonstrated during the most recent compliance source testing approved by the department.

VII. ADDITIONAL REQUIREMENTS.**# 021 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

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

Source P101 is an eight color Tensor T-400BE heatset web offset lithographic printing press (heatset press) incorporating two natural gas-fired Megtec VC175 dryers (dryers), the air contaminant emissions from which shall be controlled by a Megtec "Millenium" MIL-080-94 regenerative thermal oxidizer equipped with a 1.85 million Btu per hour natural gas-fired burner (Control Device C001).

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

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

The volatile organic compound content of the inks used for Source P101 shall not exceed 50% by weight. Additionally, the subject inks shall not contain any detectable amount of volatile hazardous air pollutants.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1, 127.12 and 129.67b]

The permittee shall meet the following requirements for the fountain solution used for Source P101 and P102:

(a) Maintain the as applied VOC content of the fountain solution at or below:

- (1) 1.6% by weight
- (2) 3% by weight if the fountain solution is refrigerated below 60 degrees F
- (3) 5.0 percent by weight, and contain no alcohol.

(b) The volatile organic compound content of the fountain solution additive used shall not exceed 0.5 pounds per gallon, unless prior written approval has been obtained from the Department. Additionally, the hazardous air pollutant content of the fountain solution additive used shall also not exceed 0.5 pounds per gallon, unless prior written approval has been obtained from the Department.

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

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

The vapor pressure of the fountain solution additive used for Source P101 shall be no greater than 72.4 millimeters of mercury @ 20°C, unless prior written approval has been obtained from the Department.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1, 127.12 and 129.67b]

The fountain solution used for Source P101 shall contain no more than 6 ounces of fountain solution additive for every gallon of water.

**SECTION D. Source Level Requirements****# 026 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1, 127.12 and 129.67b]

The vapor pressure of the blanket wash solution used for Source P101 shall be no greater than 3 millimeters of mercury @ 20°C, unless prior written approval has been obtained from the Department.

027 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 PA Code Section 129.67b]

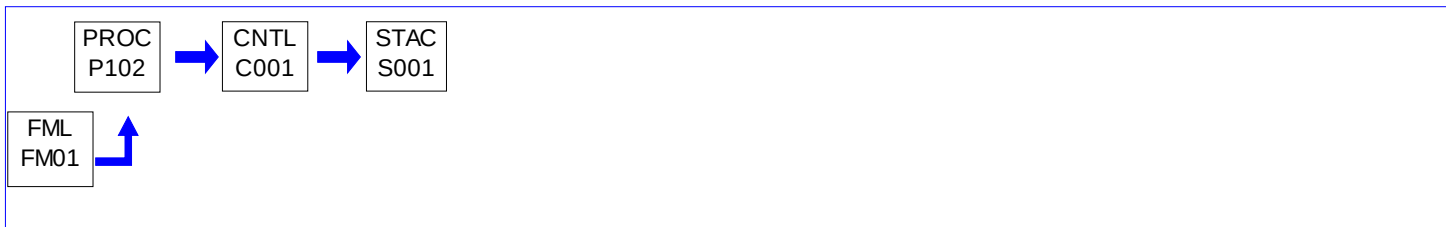
The permittee shall maintain the as applied VOC content of the blanket wash used for Source P101 and P102 to less than 70 percent by weight, or the VOC composite partial vapor pressure less than 10 mm Hg at 20°C (68°F).

**SECTION D. Source Level Requirements**

Source ID: P102

Source Name: #2 HEATSET WEB OFFSET LITHOGRAPHIC PRINTING PRESS

Source Capacity/Throughput:

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

The permittee shall not permit the emission of particulate matter into the outdoor atmosphere from Source P102 in such a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grains per dry standard cubic foot of effluent gas volume.

002 [25 Pa. Code §123.21]**General**

The permittee shall not permit the emission of sulfur oxides, expressed as sulfur dioxide (SO₂), into the outdoor atmosphere from Source P102 in such a manner that the concentration of the sulfur oxides in the effluent gas exceeds 500 parts per million, by volume, dry basis.

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

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

The total combined emission of volatile organic compounds from Source P101 and Source P102 shall not exceed 5.62 tons in any 12 consecutive month period.

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

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

The total combined emission of volatile hazardous air pollutants from Source P101 and Source P102 shall not exceed 1.42 tons in any 12 consecutive month period.

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

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

The dryers incorporated in Source P102 and Control Device C001 shall only be fired on natural gas.

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

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

The total combined amount of fountain solution additive used by Source P101 and Source P102 shall not exceed 8,600 gallons in any 12 consecutive month period.

**SECTION D. Source Level Requirements****# 007 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

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

The total combined amount of blanket wash solution used by Source P101 and Source P102 shall not exceed 700 gallons in any 12 consecutive month period.

Control Device Efficiency Restriction(s).**# 008 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1, 127.12 and 129.67b]

The capture efficiency of the volatile organic compound capture system associated with the two dryers incorporated in Source P102 shall be 100%.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1, 127.12 and 129.67b]

The volatile organic compound destruction efficiency of Control Device C001 shall be equal to or greater than 98%.

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

[Additional authority for this permit condition is derived from 25 PA Code Section 129.67b]

The permittee shall determine the VOC content of as-applied fountain solution for P101 and P102 by one of the following procedures:

(a) Analysis by USEPA Method 24 of the as-applied fountain solution mixture,

(b) Maintenance onsite of MSDS, CPDS or other data provided by the manufacturer of the fountain solution that indicates the VOC content of the press-ready (as applied) fountain solution.

(c) Calculation which combines USEPA Method 24 analytical VOC content data for the concentrated materials used to prepare the press ready fountain solution and records of the proportions in which they are mixed. The calculation shall only be performed once for each press ready fountain solution and the recipe kept in the form of a batch log. The analysis of the concentrated fountain solution may be performed by the supplier(s) of those materials and those results provided to the permittee.

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

[Additional authority for this permit condition is derived from 25 PA Code Section 129.67b]

The permittee shall determine the VOC content or VOC composite partial vapor pressure of blanket and roller cleaning solutions for P101 and P102 by one of the following procedures:

(a) Analysis by USEPA Method 24 of the as-applied cleaning solution mixture for VOC content or by an appropriate method for composite partial vapor pressure,

(b) Maintenance onsite of MSDS, CPDS, or other data provided by the manufacturer of the press-ready (as applied) cleaning solution that indicates the VOC content or the VOC composite partial vapor pressure, or both, of the press-ready (as applied) cleaning solution.

**SECTION D. Source Level Requirements**

(c) Calculation which combines USEPA Method 24 analytical VOC content data for the concentrated materials used to prepare the press ready cleaning solution and records of the proportions in which they are mixed. The calculation shall only be performed once for each press ready cleaning solution and kept in the form of a batch log. The analysis of the concentrated cleaning solution may be performed by the supplier(s) of those materials and those results provided to the permittee.

(d) Calculation for VOC composite partial vapor pressure which combines analytical VOC vapor pressure data for the concentrated materials used to prepare the press ready cleaning solution and records of the proportions in which they are mixed. The analysis and vapor pressure determinations of the concentrated material(s) may be performed by the suppliers(s) of those materials and those results provided to the permittee.

(e) Another method to determine compliance with the VOC content limits for cleaning solutions if the following requirements are met:

- (1) The facility owner or operator submits a request, in writing, to the appropriate regional office of the Department for approval of the alternative method.
- (2) The request demonstrates that the alternative method provides results that accurately determine the cleaning solution VOC content or VOC composite partial vapor pressure.
- (3) The Department provides prior written approval of the alternative method.

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

[Additional authority for this permit condition is derived from 25 PA Code Section 129.67b]

The permittee must demonstrate reduction in VOC emissions from the control device, determined in accordance with 129.67b (h). Stack testing shall be performed within 180 days of permit issuance.

(a) Pursuant to 25 Pa. Code § 139.3, at least ninety (90) calendar days prior to commencing an EPA reference method testing program, a test protocol shall be submitted to the Department for review and approval. One electronic copy shall be sent to the Northcentral Regional Office Air Quality Program Manager (RA-EPNCstacktesting@pa.gov) and one electronic copy shall be sent to the PSIMS Administrator in Central Office (RA-EPstacktesting@pa.gov). The test protocol shall meet all applicable requirements specified in the most current version of the Department's Source Testing Manual.

(b) Pursuant to 25 Pa. Code § 139.3, at least 15 calendar days prior to commencing an emission testing program, notification as to the date and time of testing shall be given to the Northcentral Regional Office. Notification shall also be sent to the Division of Source Testing and Monitoring. Notification shall not be made without prior receipt of a protocol acceptance letter from the Department.

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

(d) Pursuant to 25 Pa. Code § 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 noncompliance 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.

(e) 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.

**SECTION D. Source Level Requirements**

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

(g) Pursuant to 25 Pa. Code § 139.53(a)(1) and 139.53(a)(3), one electronic copy of all submittals, besides notifications, shall be sent to the Northcentral Regional Office Air Quality Program Manager. In addition, one electronic copy shall be sent to the PSIMS Administrator in Central Office using the emails above when the file is 35 MB or less, or a flash drive when the file is over 35 MB.

(h) 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.

III. MONITORING REQUIREMENTS.

013 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1, 127.12 and 129.67b]

Control Device C001 shall be equipped with instrumentation to continuously monitor and record the temperature of the combustion chamber of the device, as well as incorporate interlocks to prevent operation of the dryers associated with Source P102 at any time the temperature of the combustion chamber of Control Device C001 is less than 1575°F.

IV. RECORDKEEPING REQUIREMENTS.

014 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Compliance with this permit condition assures compliance with the requirements of 25 PA Code Section 129.67b]

The permittee shall maintain accurate and comprehensive records of the following:

- (1) The identity, quantity (expressed in pounds), volatile organic content and volatile hazardous air pollutant content of each ink used in Source P102 each month.
- (2) The identity, quantity (expressed in gallons), vapor pressure, volatile organic content and volatile hazardous air pollutant content of each fountain solution additive used in Source P102 each month.
- (3) The identity, quantity (expressed in gallons), vapor pressure, volatile organic content and volatile hazardous air pollutant content of each blanket wash solution used in Source P102 each month.
- (4) The mix ratio(s) of the fountain solution (amount of fountain solution additive per amount of water) and the as-applied volatile organic content of the mixture used in Source P102 each month.
- (5) All combustion chamber temperature records generated each month by the continuous combustion chamber temperature monitoring and recording system associated with Control Device C001.
- (6) The calculations used to verify compliance with the volatile organic compound and volatile hazardous air pollutant emission limitations in any 12 consecutive month period for Sources P101 and P102.
- (7) The calculations used to verify compliance with the fountain solution additive and blanket wash solution usage limitations in any 12 consecutive month period for Sources P101 and P102.

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

015 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this condition is derived from 25 PA Code Section 129.67b]

All control device monitoring equipment shall be installed, calibrated, operated, and maintained according to manufacturer's specifications at all times. Records shall be maintained for all maintenance performed on the control device and monitoring equipment, including the date and type of maintenance. All records generated pursuant to the is condition shall be retained

**SECTION D. Source Level Requirements**

for a minimum of 5 years and shall be made available to the Department upon request.

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

[Additional authority for this condition is derived from 25 PA Code Section 129.67b]

Records shall be maintained on site for all MSDS, CPDS or other data provided by manufacturers for each ink, fountain solution, and blanket wash indicating % VOC by weight and vapor pressures. All records generated pursuant to the is condition shall be retained for a minimum of 5 years and shall be made available to the Department upon request.

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

[Compliance with this permit condition assures compliance with the requirements of 25 PA Code 129.67b.]

The permittee shall submit quarterly reports of the following:

- (1) The identity, quantity (expressed in pounds), volatile organic content and volatile hazardous air pollutant content of each ink used each month in Source P102 during the quarter.
- (2) The identity, quantity (expressed in gallons), vapor pressure, volatile organic content and volatile hazardous air pollutant content of each fountain solution additive used each month in Source P102 during the quarter.
- (3) The identity, quantity (expressed in gallons), vapor pressure, volatile organic content and volatile hazardous air pollutant content of each blanket wash solution used each month in Source P102 during the quarter.
- (4) The records of calculations used to verify compliance with the volatile organic compound and volatile hazardous air pollutant emission limitations in any 12 consecutive month period for Sources P101 and P102 for each month during the quarter.
- (5) The records of calculations used to verify compliance with the fountain solution additive and blanket wash solution usage limitations in any 12 consecutive month period for Sources P101 and P102 for each month during the quarter.
- (6) The mix ratio(s) and as-applied volatile organic content of the fountain solution mixture used in Source P101 and P102 each month.

The quarterly reports shall be submitted to the Department by no later than April 30 for the preceding January 1 to March 31 time period, July 31 for the preceding April 1 to June 30 time period, October 31 for the preceding July 1 to September 30 time period and January 31 for the preceding October 1 to December 31 time period.

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

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

The combustion chamber of Control Device C001 shall be maintained at a temperature of at least 1575°F any time Source P102 is operating.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1, 127.12 and 129.67b]

All VOC-containing cleaning solutions, waste cleaning solutions, and solvent-laden rags or cloths used for cleanup in Source P102 shall be stored in closed containers while not in use. All cleaning activities shall minimize the evaporation of solvents into the atmosphere.

**SECTION D. Source Level Requirements****# 020 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 PA Code Section 129.67b]

The control device must be operated at a three hour average temperature not lower than 50°F below the average temperature demonstrated during the most recent compliance source testing approved by the department.

VII. ADDITIONAL REQUIREMENTS.**# 021 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

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

Source P102 is an eight color Tensor T-400BE heatset web offset lithographic printing press (heatset press) incorporating two natural gas-fired Megtec VC175 dryers (dryers), the air contaminant emissions from which shall be controlled by a Megtec "Millenium" MIL-080-94 regenerative thermal oxidizer equipped with a 1.85 million Btu per hour natural gas-fired burner (Control Device C001).

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

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

The volatile organic compound content of the inks used for Source P102 shall not exceed 50% by weight. Additionally, the subject inks shall not contain any detectable amount of volatile hazardous air pollutants.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1, 127.12 and 129.67b]

The permittee shall meet the following requirements for the fountain solution used for Source P101 and P102:

(a) Maintain the as applied VOC content of the fountain solution at or below:

- (1) 1.6% by weight
- (2) 3% by weight if the fountain solution is refrigerated below 60 degrees F
- (3) 5.0 percent by weight, and contain no alcohol.

(b) The volatile organic compound content of the fountain solution additive used shall not exceed 0.5 pounds per gallon, unless prior written approval has been obtained from the Department. Additionally, the hazardous air pollutant content of the fountain solution additive used shall also not exceed 0.5 pounds per gallon, unless prior written approval has been obtained from the Department.

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

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

The vapor pressure of the fountain solution additive used for Source P102 shall be no greater than 72.4 millimeters of mercury @ 20°C, unless prior written approval has been obtained from the Department.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1, 127.12 and 129.67b]

The fountain solution used for Source P102 shall contain no more than 6 ounces of fountain solution additive for every gallon of water.

**SECTION D. Source Level Requirements****# 026 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1, 127.12 and 129.67b]

The vapor pressure of the blanket wash solution used for Source P102 shall be no greater than 3 millimeters of mercury @ 20°C, unless prior written approval has been obtained from the Department.

027 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 PA Code Section 129.67b]

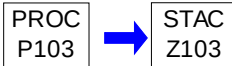
The permittee shall maintain the as applied VOC content of the blanket wash used for Source P101 and P102 to less than 70 percent by weight, or the VOC composite partial vapor pressure less than 10 mm Hg at 20°C (68°F).

**SECTION D. Source Level Requirements**

Source ID: P103

Source Name: GOSS NON-HEATSET WEB OFFSET LITHOGRAPHIC PRINTING PRESS

Source Capacity/Throughput:

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

001 [25 Pa. Code §123.13]

Processes

The permittee shall not permit the emission of particulate matter into the outdoor atmosphere from Source P103 in such a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grains per dry standard cubic foot of effluent gas volume.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

The total combined emission of volatile organic compounds from Source 103 and Source P104 shall not exceed 7.21 tons in any 12 consecutive month period.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

The total combined emission of all volatile hazardous air pollutants from Source 103 and Source P104 shall not exceed 1.73 tons in any 12 consecutive month period.

Throughput Restriction(s).

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

The total combined amount of fountain solution additive used by Source 103 and Source P104 shall not exceed 6,600 gallons in any 12 consecutive month period.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

The total combined amount of blanket wash solution used by Source 103 and Source P104 shall not exceed 1,430 gallons in any 12 consecutive month period.

II. TESTING REQUIREMENTS.

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 PA Code Section 129.67b]

The permittee shall determine the VOC content of as-applied fountain solution for P103 and P104 by one of the following procedures:

(a) Analysis by USEPA Method 24 of the as-applied fountain solution mixture,

**SECTION D. Source Level Requirements**

(b) Maintenance onsite of MSDS, CPDS or other data provided by the manufacturer of the fountain solution that indicates the VOC content of the press-ready (as applied) fountain solution.

(c) Calculation which combines USEPA Method 24 analytical VOC content data for the concentrated materials used to prepare the press ready fountain solution and records of the proportions in which they are mixed. The calculation shall only be performed once for each press ready fountain solution and the recipe kept in the form of a batch log. The analysis of the concentrated fountain solution may be performed by the supplier(s) of those materials and those results provided to the permittee.

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 PA Code Section 129.67b]

The permittee shall determine the VOC content or VOC composite partial vapor pressure of blanket and roller cleaning solutions for P103 and P104 by one of the following procedures:

(a) Analysis by USEPA Method 24 of the as-applied cleaning solution mixture for VOC content or by an appropriate method for composite partial vapor pressure,

(b) Maintenance onsite of MSDS, CPDS, or other data provided by the manufacturer of the press-ready (as applied) cleaning solution that indicates the VOC content or the VOC composite partial vapor pressure, or both, of the press-ready (as applied) cleaning solution.

(c) Calculation which combines USEPA Method 24 analytical VOC content data for the concentrated materials used to prepare the press ready cleaning solution and records of the proportions in which they are mixed. The calculation shall only be performed once for each press ready cleaning solution and kept in the form of a batch log. The analysis of the concentrated cleaning solution may be performed by the supplier(s) of those materials and those results provided to the permittee.

(d) Calculation for VOC composite partial vapor pressure which combines analytical VOC vapor pressure data for the concentrated materials used to prepare the press ready cleaning solution and records of the proportions in which they are mixed. The analysis and vapor pressure determinations of the concentrated material(s) may be performed by the suppliers(s) of those materials and those results provided to the permittee.

(e) Another method to determine compliance with the VOC content limits for cleaning solutions if the following requirements are met:

(1) The facility owner or operator submits a request, in writing, to the appropriate regional office of the Department for approval of the alternative method.

(2) The request demonstrates that the alternative method provides results that accurately determine the cleaning solution VOC content or VOC composite partial vapor pressure.

(3) The Department provides prior written approval of the alternative method.

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.

008 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Compliance with this permit condition assures compliance with the requirements of 25 PA Code 129.67b.]

The permittee shall maintain accurate and comprehensive records of the following:

(1) The identity, quantity (expressed in pounds), volatile organic content and volatile hazardous air pollutant content of each

**SECTION D. Source Level Requirements**

ink used in Source P103 each month.

(2) The identity, quantity (expressed in gallons), volatile organic content and volatile hazardous air pollutant content of each fountain solution additive used in Source P103 each month.

(3) The identity, quantity (expressed in gallons), volatile organic content and volatile hazardous air pollutant content of each blanket wash solution used in Source P103 each month.

(4) The mix ratio(s) of the fountain solution (amount of fountain solution additive per amount of water) and the as-applied volatile organic content of the mixture used in Source P103 each month.

(5) The calculations used to verify compliance with the volatile organic compound and volatile hazardous air pollutant emission limitations in any 12 consecutive month period for Sources P103 and P104.

(6) The calculations used to verify compliance with the fountain solution additive and blanket wash solution usage limitations in any 12 consecutive month period for Sources P103 and P104.

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

009 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this condition is derived from 25 PaCode Section 129.67b]

Records shall be maintained on site for all MSDS, CPDS or other data provided by manufacturers for each ink, fountain solution, and blanket wash indicating % VOC by weight and vapor pressures. All records generated pursuant to the is condition shall be retained for a minimum of 5 years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

010 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Compliance with this permit condition assures compliance with the requirements of 25 PaCode 129.67b.]

The permittee shall submit quarterly reports of the following:

(1) The identity, quantity (expressed in pounds), volatile organic content and volatile hazardous air pollutant content of each ink used each month in Source P103 during the quarter.

(2) The identity, quantity (expressed in gallons), volatile organic content and volatile hazardous air pollutant content of each fountain solution additive used each month in Source P103 during the quarter.

(3) The identity, quantity (expressed in gallons), volatile organic content and volatile hazardous air pollutant content of each blanket wash solution used each month in Source P103 during the quarter.

(4) The mix ratio(s) and as-applied volatile organic content of the fountain solution mixture used in Source P103 and P104 each month.

(5) The records of calculations used to verify compliance with the volatile organic compound and volatile hazardous air pollutant emission limitations in any 12 consecutive month period for Sources P103 and P104 for each month during the quarter.

(6) The records of calculations used to verify compliance with the fountain solution additive and blanket wash solution usage limitations in any 12 consecutive month period for Sources P103 and P104 for each month during the quarter.

The quarterly reports shall be submitted to the Department by no later than April 30 for the preceding January 1 to March 31 time period, July 31 for the preceding April 1 to June 30 time period, October 31 for the preceding July 1 to September 30 time period and January 31 for the preceding October 1 to December 31 time period.

VI. WORK PRACTICE REQUIREMENTS.

011 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.67b]

All VOC-containing cleaning solutions, waste cleaning solutions, and solvent-laden rags or cloths used for cleanup in

**SECTION D. Source Level Requirements**

Source P103 shall be stored in closed containers while not in use. All cleaning activities shall minimize the evaporation of solvents into the atmosphere.

VII. ADDITIONAL REQUIREMENTS.

012 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source P103 is a Goss Urbanite eight color non-heatset web offset lithographic printing press.

013 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 PA Code Section 129.67b]

The permittee shall meet the following requirements:

(a) The volatile organic compound content of the inks used for Source P103 shall not exceed 8% by weight. Additionally, the subject inks shall not contain any detectable amount of volatile hazardous air pollutants.

(b) The volatile organic compound content of the fountain solution additive used for Source P103 shall not exceed 0.5 pounds per gallon unless prior written approval has been obtained from the department. Additionally, the fountain solution additive use for source P103 shall not contain any detectable amount of volatile hazardous air pollutants.

(c) Maintain the as applied VOC content of the fountain solution at or below 5.0 percent by weight, and contain no alcohol;

(d) The fountain solution mixture used for Source P103 shall contain no more than 6 ounces of fountain solution additive for every gallon of water.

(e) Maintain the as applied VOC content of the blanket wash less than 70 percent by weight, or the VOC composite partial vapor pressure less than 10 mm Hg at 20°C (68°F).

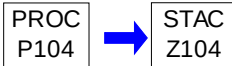
(f) The blanket wash used for Source P103 shall not contain any detectable amount of volatile hazardous air pollutants.

**SECTION D. Source Level Requirements**

Source ID: P104

Source Name: HARRIS NON-HEATSET WEB OFFSET LITHOGRAPHIC PRINTING PRESS

Source Capacity/Throughput:

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

001 [25 Pa. Code §123.13]

Processes

The permittee shall not permit the emission of particulate matter into the outdoor atmosphere from Source P104 in such a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grains per dry standard cubic foot of effluent gas volume.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

The total combined emission of volatile organic compounds from Source 103 and Source P104 shall not exceed 7.21 tons in any 12 consecutive month period.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

The total combined emission of all volatile hazardous air pollutants from Source 103 and Source P104 shall not exceed 1.73 tons in any 12 consecutive month period.

Throughput Restriction(s).

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

The total combined amount of fountain solution additive used by Source 103 and Source P104 shall not exceed 6,600 gallons in any 12 consecutive month period.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

The total combined amount of blanket wash solution used by Source 103 and Source P104 shall not exceed 1,430 gallons in any 12 consecutive month period.

II. TESTING REQUIREMENTS.

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 PA Code Section 129.67b]

The permittee shall determine the VOC content of as-applied fountain solution for P103 and P104 by one of the following procedures:

(a) Analysis by USEPA Method 24 of the as-applied fountain solution mixture,

**SECTION D. Source Level Requirements**

(b) Maintenance onsite of MSDS, CPDS or other data provided by the manufacturer of the fountain solution that indicates the VOC content of the press-ready (as applied) fountain solution.

(c) Calculation which combines USEPA Method 24 analytical VOC content data for the concentrated materials used to prepare the press ready fountain solution and records of the proportions in which they are mixed. The calculation shall only be performed once for each press ready fountain solution and the recipe kept in the form of a batch log. The analysis of the concentrated fountain solution may be performed by the supplier(s) of those materials and those results provided to the permittee.

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 PA Code Section 129.67b]

The permittee shall determine the VOC content or VOC composite partial vapor pressure of blanket and roller cleaning solutions for P103 and P104 by one of the following procedures:

(a) Analysis by USEPA Method 24 of the as-applied cleaning solution mixture for VOC content or by an appropriate method for composite partial vapor pressure,

(b) Maintenance onsite of MSDS, CPDS, or other data provided by the manufacturer of the press-ready (as applied) cleaning solution that indicates the VOC content or the VOC composite partial vapor pressure, or both, of the press-ready (as applied) cleaning solution.

(c) Calculation which combines USEPA Method 24 analytical VOC content data for the concentrated materials used to prepare the press ready cleaning solution and records of the proportions in which they are mixed. The calculation shall only be performed once for each press ready cleaning solution and kept in the form of a batch log. The analysis of the concentrated cleaning solution may be performed by the supplier(s) of those materials and those results provided to the permittee.

(d) Calculation for VOC composite partial vapor pressure which combines analytical VOC vapor pressure data for the concentrated materials used to prepare the press ready cleaning solution and records of the proportions in which they are mixed. The analysis and vapor pressure determinations of the concentrated material(s) may be performed by the suppliers(s) of those materials and those results provided to the permittee.

(e) Another method to determine compliance with the VOC content limits for cleaning solutions if the following requirements are met:

(1) The facility owner or operator submits a request, in writing, to the appropriate regional office of the Department for approval of the alternative method.

(2) The request demonstrates that the alternative method provides results that accurately determine the cleaning solution VOC content or VOC composite partial vapor pressure.

(3) The Department provides prior written approval of the alternative method.

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.

008 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall maintain accurate and comprehensive records of the following:

(1) The identity, quantity (expressed in pounds), volatile organic content and volatile hazardous air pollutant content of each ink used in Source P104 each month.

(2) The identity, quantity (expressed in gallons), volatile organic content and volatile hazardous air pollutant content of each

**SECTION D. Source Level Requirements**

fountain solution additive used in Source P104 each month.

(3) The identity, quantity (expressed in gallons), volatile organic content and volatile hazardous air pollutant content of each blanket wash solution used in Source P104 each month.

(4) The mix ratio(s) of the fountain solution (amount of fountain solution additive per amount of water) and the as-applied volatile organic content of the mixture used in Source P104 each month.

(5) The calculations used to verify compliance with the volatile organic compound and volatile hazardous air pollutant emission limitations in any 12 consecutive month period for Sources P103 and P104.

(6) The calculations used to verify compliance with the fountain solution additive and blanket wash solution usage limitations in any 12 consecutive month period for Sources P103 and P104.

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

009 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this condition is derived from 25 PA Code Section 129.67b]

Records shall be maintained on site for all MSDS, CPDS or other data provided by manufacturers for each ink, fountain solution, and blanket wash indicating % VOC by weight and vapor pressures. All records generated pursuant to the is condition shall be retained for a minimum of 5 years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

010 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall submit quarterly reports of the following:

(1) The identity, quantity (expressed in pounds), volatile organic content and volatile hazardous air pollutant content of each ink used each month in Source P104 during the quarter.

(2) The identity, quantity (expressed in gallons), volatile organic content and volatile hazardous air pollutant content of each fountain solution additive used each month in Source P104 during the quarter.

(3) The identity, quantity (expressed in gallons), volatile organic content and volatile hazardous air pollutant content of each blanket wash solution used each month in Source P104 during the quarter.

(4) The mix ratio(s) and as-applied volatile organic content of the fountain solution mixture used in Source P103 and P104 each month.

(5) The records of calculations used to verify compliance with the volatile organic compound and volatile hazardous air pollutant emission limitations in any 12 consecutive month period for Sources P103 and P104 for each month during the quarter.

(6) The records of calculations used to verify compliance with the fountain solution additive and blanket wash solution usage limitations in any 12 consecutive month period for Sources P103 and P104 for each month during the quarter.

The quarterly reports shall be submitted to the Department by no later than April 30 for the preceding January 1 to March 31 time period, July 31 for the preceding April 1 to June 30 time period, October 31 for the preceding July 1 to September 30 time period and January 31 for the preceding October 1 to December 31 time period.

VI. WORK PRACTICE REQUIREMENTS.

011 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.67b]

All VOC-containing cleaning solutions, waste cleaning solutions, and solvent-laden rags or cloths used for cleanup in Source P104 shall be stored in closed containers while not in use. All cleaning activities shall minimize the evaporation of solvents into the atmosphere.

**SECTION D. Source Level Requirements****VII. ADDITIONAL REQUIREMENTS.****# 012 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Source P104 is a Harris NC 400 eight color non-heatset web offset lithographic printing press.

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

[Compliance with this permit condition assures compliance with the requirements of 25 PA Code 129.67b.]

The permittee shall meet the following requirements:

(a) The volatile organic compound content of the inks used for Source P104 shall not exceed 8% by weight. Additionally, the subject inks shall not contain any detectable amount of volatile hazardous air pollutants.

(b) The volatile organic compound content of the fountain solution additive used for Source P104 shall not exceed 0.5 pounds per gallon unless prior written approval has been obtained from the department. Additionally, the fountain solution additive use for source P103 shall not contain any detectable amount of volatile hazardous air pollutants.

(c) Maintain the as applied VOC content of the fountain solution at or below 5.0 percent by weight, and contain no alcohol;

(d) The fountain solution mixture used for Source P104 shall contain no more than 6 ounces of fountain solution additive for every gallon of water.

(e) Maintain the as applied VOC content of the blanket wash less than 70 percent by weight, or the VOC composite partial vapor pressure less than 10 mm Hg at 20°C (68°F).

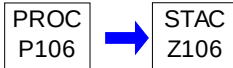
(f) The blanket wash used for Source P104 shall not contain any detectable amount of volatile hazardous air pollutants.

**SECTION D. Source Level Requirements**

Source ID: P106

Source Name: COLD BATCH DEGREASERS

Source Capacity/Throughput:

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

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

The permittee shall maintain accurate and comprehensive records of the amount of solvent placed into the cold batch cleaning machines incorporated in Source P106 each month.

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

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

The permittee shall maintain accurate and comprehensive records of the following:

- (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).

All such records shall be retained at least five (5) years and shall be made available to the Department upon request. An invoice, bill of sale, certificate that corresponds to a number of sales, Material Safety Data Sheet (MSDS), or other appropriate documentation acceptable to the Department may be used to comply with this section.

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 §127.441]****Operating permit terms and conditions.**

Solvents containing hazardous air pollutants shall not be used in the cold batch cleaning machines incorporated in Source P106.

**SECTION D. Source Level Requirements****# 004 [25 Pa. Code §129.63]****Degreasing operations**

The cold batch cleaning machines incorporated in Source P106 shall have a permanent, conspicuous label summarizing the operating requirements specified in condition #007. In addition, the label shall also list the following discretionary good operating practices:

- (1) 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 cold cleaning machine.
- (2) 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.
- (3) Work area fans should be located and positioned so that they do not blow across the opening of the degreaser unit.

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

The cold batch cleaning machines incorporated in Source P106 shall be equipped with a cover(s) that shall be closed at all times except during the cleaning of parts or the addition or removal of solvent. A perforated drain with a diameter of not more than 6 inches shall constitute an acceptable cover.

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

Solvents with a vapor pressure of 1.0 millimeter of mercury (mm Hg) or greater, measured at 20°C (68°F), shall not be used in the cold batch cleaning machines incorporated in Source P106.

007 [25 Pa. Code §129.63]**Degreasing operations**

The cold batch cleaning machines incorporated in Source P106 shall be operated in accordance with the following procedures:

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

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

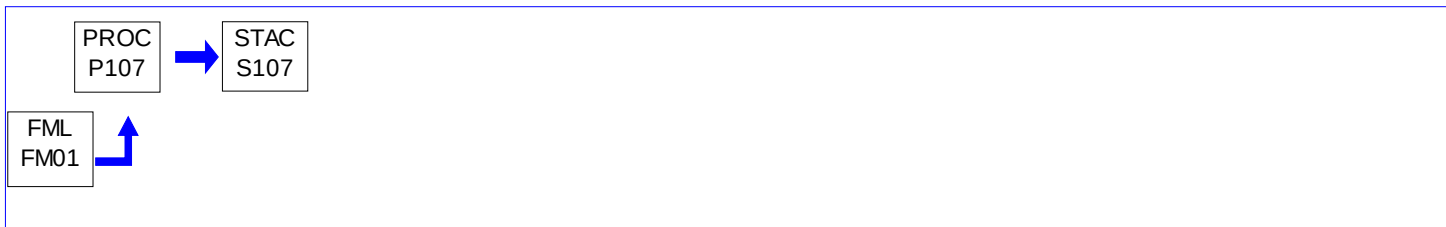
Source P106 is comprised of two (Safety Kleen) remote reservoir cold batch cleaning machines.

**SECTION D. Source Level Requirements**

Source ID: P107

Source Name: EMERGENCY GENERATOR ENGINE

Source Capacity/Throughput:

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

001 [25 Pa. Code §123.13]

Processes

The permittee shall not permit the emission of particulate matter into the outdoor atmosphere from Source P107 in such a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grains per dry standard cubic foot of effluent gas volume.

002 [25 Pa. Code §123.21]

General

The permittee shall not permit the emission of sulfur oxides, expressed as sulfur dioxide (SO₂), into the outdoor atmosphere from Source P107 in such a manner that the concentration of the sulfur oxides in the effluent gas exceeds 500 parts per million, by volume, dry basis.

Fuel Restriction(s).

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source P107 shall only be fired on natural gas.

Operation Hours Restriction(s).

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source P107 shall not be operated more than 500 hours in any 12 consecutive month period.

005 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6640]

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

Any operation of Source P107, other than emergency operation, maintenance and testing, and operation in non-emergency situations for 50 hours per year, as described in subsections (1) through (3), is prohibited.

(1) With respect to demonstrating compliance with this condition, there is no time limit on the use of Source P107 in emergency situations.

(2) The permittee may operate Source P107 for maintenance checks and readiness testing, provided that the tests are recommended by federal, state or local government, the manufacturer, the vendor or the insurance company associated with the source, for a maximum of 100 hours per calendar year. The permittee may petition the Department for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the permittee maintains records indicating that federal, state, or local standards require maintenance and testing of Source P107 beyond 100 hours per calendar year. Any operation for nonemergency situations as allowed by subsection (3) of this condition counts as part of the 100 hours per calendar year allowed by this subsection.

(3) Source P107 may be operated for up to 50 hours per calendar year in non-emergency situations. The 50 hours of operation in non-emergency situations are counted as part of the 100 hours per calendar year for maintenance and testing provided in subsection (2) of this condition.

**SECTION D. Source Level 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.

006 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6625]

Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

What are my monitoring, installation, operation, and maintenance requirements?

Source P107 shall be equipped with a non-resettable hour meter.

IV. RECORDKEEPING REQUIREMENTS.

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall maintain accurate and comprehensive records of the number of hours Source P107 is operated each month. All records generated pursuant to this condition shall be retained for a minimum of 5 years and shall be made available to the Department upon request.

008 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6655]

Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

What records must I keep?

The permittee shall keep records of the maintenance conducted on Source P107 in order to demonstrate that Source P107 was operated and maintained according to the permittee's own maintenance plan. All records generated pursuant to this condition shall be retained for a minimum of five (5) years following the date of each maintenance action and shall be made available to the Department upon request.

009 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6655]

Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

What records must I keep?

The permittee shall keep monthly records of the hours of operation, recorded through the nonresettable hour meter, that Source P107 is operated. The permittee shall document how many hours are spent for emergency operation, including what classified the operation as emergency and how many hours are spent for non-emergency operation. All records generated pursuant to this condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

010 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall submit quarterly reports of the number of hours Source P107 is operated each month during the quarter. The quarterly reports shall be submitted to the Department by no later than April 30 for the preceding January 1 to March 31 time period, July 31 for the preceding April 1 to June 30 time period, October 31 for the preceding July 1 to September 30 time period and January 31 for the preceding October 1 to December 31 time period.

011 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The submission of all reports required by Subpart ZZZZ of the National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines, 40 CFR Sections 63.6580 through 63.6675, or required by any other applicable section specified in the National Emission Standards for Hazardous Air Pollutants, must be made to both the Department of Environmental Protection and electronically to the Environmental Protection Agency. The electronic reports must be submitted using the subpart specific reporting form in the Compliance and Emissions Data Reporting Interface (CEDRI) that is accessed through EPA's Central Data Exchange (CDX) (www.epa.gov/cdx). However, if the reporting form specific to this subpart is not available in CEDRI at the time that the report is due, the written report must be submitted to the

**SECTION D. Source Level Requirements**

EPA e-mail address and Administrator postal address listed below.

The submission of all other requests, applications submittals and other communications required by Subpart ZZZZ of the National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines, 40 CFR 63.6580 through 63.6675, or required by any other applicable section specified in the National Emission Standards for Hazardous Air Pollutants, must be made to both the Department of Environmental Protection and the Environmental Protection Agency. The copies may be sent to:

R3_Air_Apps_and_Notices@epa.gov

And

Pennsylvania Department of Environmental Protection
Air Quality Program Manager
208 W. Third Street, Suite 101
Williamsport, PA 17701

012 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6640]

Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

How do I demonstrate continuous compliance with the emission limitations, operating limitations, and other requirements?

The permittee shall report each instance in which Source P107 was not operated or maintained according to the manufacturer's emission-related written instructions or the engine specific maintenance plan developed for the Source P107 which provides to the extent practicable for the maintenance and operation of Source P107 in a manner consistent with good air pollution control practice for minimizing emissions. These instances are deviations from the emission and operating limitations in Subpart ZZZZ. The report submitted for these deviations shall contain the following information:

- (1) Company name and address.
- (2) Statement by a responsible official, with that official's name, title, and signature, certifying the accuracy of the content of the report.
- (3) Date of report.
- (4) The total operating time of Source P107 at which the deviation occurred.
- (5) Information on the number, duration, and cause of deviations (including unknown cause, if applicable), as applicable, and the corrective action taken.

All reports generated pursuant to this condition shall be retained for a minimum of five (5) years following the date of each reportable instance and shall be made available to the Department upon request.

Compliance with this condition also ensures compliance with 40 CFR Section 63.6650(d).

VI. WORK PRACTICE REQUIREMENTS.

013 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6603]

Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

What emission limitations, operating limitations, and other requirements must I meet if I own or operate an existing stationary RICE located at an area source of HAP emissions?

The permittee shall perform the following work practices for Source P107 as prescribed herein:

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

014 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6605]

Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

**SECTION D. Source Level Requirements****What are my general requirements for complying with this subpart?**

At all times the permittee shall operate and maintain Source P107, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. The general duty to minimize emissions does not require the permittee to make any further efforts to reduce emissions if levels required by Subpart ZZZZ of the National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines have been achieved. Determination of whether such operation and maintenance procedures are being used will be based on information available to the Department which may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of Source P107.

015 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6625]**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What are my monitoring, installation, operation, and maintenance requirements?**

The permittee shall operate and maintain Source P107 according to the manufacturer's emission-related written instructions or develop an engine specific maintenance plan which must provide to the extent practicable for the maintenance and operation of Source P107 in a manner consistent with good air pollution control practice for minimizing emissions.

Compliance with this condition also ensures compliance with 40 CFR Section 63.6640(a).

016 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6625]**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What are my monitoring, installation, operation, and maintenance requirements?**

The permittee shall minimize the time Source P107 spends at idle during startup and minimize the startup time to a period needed for appropriate and safe loading of Source P107, not to exceed 30 minutes.

017 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6625]**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What are my monitoring, installation, operation, and maintenance requirements?**

The permittee has the option of utilizing an oil analysis program in order to extend the oil change requirement specified in Condition #013 herein. The oil analysis must be performed at the same frequency specified for changing the oil in Condition #013 herein. The analysis program must at a minimum analyze the following three parameters: Total Acid Number, viscosity, and percent water content. The condemning limits for these parameters are as follows: Total Acid Number increases by more than 3.0 milligrams of potassium hydroxide (KOH) per gram from Total Acid Number of the oil when new; viscosity of the oil has changed by more than 20 percent from the viscosity of the oil when new; or percent water content (by volume) is greater than 0.5. If all of these condemning limits are not exceeded, the permittee is not required to change the oil. If any of the limits are exceeded, the permittee must change the oil within 2 business days of receiving the results of the analysis; if Source P107 is not in operation when the results of the analysis are received, the permittee must change the oil within 2 business days or before commencing operation, whichever is later. The permittee must keep records of the parameters that are analyzed as part of the program, the results of the analysis, and the oil changes for Source P107. The analysis program must be part of the maintenance plan for the engine.

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

Source P107 is an 80 kilowatt Onan emergency electric generator equipped with a four-stroke, rich-burn, 144 horsepower natural gas-fired Cummins engine.

019 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6585]**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****Am I subject to this subpart?**

**SECTION D. Source Level Requirements**

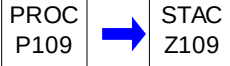
Source P107 is subject to Subpart ZZZZ of the National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines. The permittee shall comply with all applicable requirements specified in 40 CFR Sections 63.6580 through 63.6675.

**SECTION D. Source Level Requirements**

Source ID: P109

Source Name: HEWLETT PACKARD SCITEX FB700 PIEZOELECTRIC PRINTER

Source Capacity/Throughput:

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

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

No more than 400 liters (105.7 gallons) of ink shall be used in Source P109 in any 12 consecutive month period.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (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 §127.441]

Operating permit terms and conditions.

The permittee shall maintain accurate and comprehensive records of the following:

- (1) The identity, quantity (expressed in liters or gallons), volatile organic compound content and volatile hazardous air pollutant content of each ink used in Source P109 each month.
- (2) The calculations used to determine the emission of volatile organic compounds and hazardous air pollutants in any 12 consecutive month period for Source P109.

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

V. REPORTING REQUIREMENTS.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall submit quarterly reports of the following:

- (1) The identity, quantity (expressed in liters or gallons), volatile organic compound content and volatile hazardous air pollutant content of each ink used each month in Source P109 during the quarter.
- (2) The records of calculations used to determine the emission of the volatile organic compounds and hazardous air pollutant in any 12 consecutive month period for Source P109 for each month during the quarter.

The quarterly reports shall be submitted to the Department by no later than April 30 for the preceding January 1 to March 31 time period, July 31 for the preceding April 1 to June 30 time period, October 31 for the preceding July 1 to September 30 time period and January 31 for the preceding October 1 to December 31 time period.

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

The volatile organic compound content of the inks used in Source P109 shall not exceed 95 grams per liter (0.79 pounds per gallon).

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

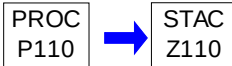
Source P109 is a Hewlett Packard Scitex FB700 piezoelectric, UV-cured printer.

**SECTION D. Source Level Requirements**

Source ID: P110

Source Name: RYOBI NON-HEATSET SHEET-FED OFFSET LITHOGRAPHIC PRINT PRESS

Source Capacity/Throughput:

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

001 [25 Pa. Code §123.13]

Processes

The permittee shall not permit the emission of particulate matter into the outdoor atmosphere from Source P110 in such a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grains per dry standard cubic foot of effluent gas volume.

Throughput Restriction(s).

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The total combined amount of ink used by Source P110 shall not exceed 27,000 pounds in any 12 consecutive month period.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The total combined amount of fountain solution additive used by Source P110 shall not exceed 60 gallons in any 12 consecutive month period.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The total combined amount of blanket wash solution used by Source P110 shall not exceed 60 gallons in any 12 consecutive month period.

II. TESTING REQUIREMENTS.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 PA Code Section 129.67b]

The permittee shall determine the VOC content of as-applied fountain solution for P110 by one of the following procedures:

(a) Analysis by USEPA Method 24 of the as-applied fountain solution mixture,

(b) Maintenance onsite of MSDS, CPDS or other data provided by the manufacturer of the fountain solution that indicates the VOC content of the press-ready (as applied) fountain solution.

(c) Calculation which combines USEPA Method 24 analytical VOC content data for the concentrated materials used to prepare the press ready fountain solution and records of the proportions in which they are mixed. The calculation shall only be performed once for each press ready fountain solution and the recipe kept in the form of a batch log. The analysis of the concentrated fountain solution may be performed by the supplier(s) of those materials and those results provided to the permittee.

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 PA Code Section 129.67b]

The permittee shall determine the VOC content or VOC composite partial vapor pressure of blanket and roller cleaning

**SECTION D. Source Level Requirements**

solutions for P110 by one of the following procedures:

- (a) Analysis by USEPA Method 24 of the as-applied cleaning solution mixture for VOC content or by an appropriate method for composite partial vapor pressure,
- (b) Maintenance onsite of MSDS, CPDS, or other data provided by the manufacturer of the press-ready (as applied) cleaning solution that indicates the VOC content or the VOC composite partial vapor pressure, or both, of the press-ready (as applied) cleaning solution.
- (c) Calculation which combines USEPA Method 24 analytical VOC content data for the concentrated materials used to prepare the press ready cleaning solution and records of the proportions in which they are mixed. The calculation shall only be performed once for each press ready cleaning solution and kept in the form of a batch log. The analysis of the concentrated cleaning solution may be performed by the supplier(s) of those materials and those results provided to the permittee.
- (d) Calculation for VOC composite partial vapor pressure which combines analytical VOC vapor pressure data for the concentrated materials used to prepare the press ready cleaning solution and records of the proportions in which they are mixed. The analysis and vapor pressure determinations of the concentrated material(s) may be performed by the suppliers(s) of those materials and those results provided to the permittee.
- (e) Another method to determine compliance with the VOC content limits for cleaning solutions if the following requirements are met:
 - (1) The facility owner or operator submits a request, in writing, to the appropriate regional office of the Department for approval of the alternative method.
 - (2) The request demonstrates that the alternative method provides results that accurately determine the cleaning solution VOC content or VOC composite partial vapor pressure.
 - (3) The Department provides prior written approval of the alternative method.

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.

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Compliance with this permit condition assures compliance with the requirements of 25 PA Code Section 129.67b]

The permittee shall maintain accurate and comprehensive records of the following:

- (1) The identity, quantity (expressed in pounds), volatile organic content and volatile hazardous air pollutant content of each ink used in Source P110 each month.
- (2) The identity, quantity (expressed in gallons), volatile organic content and volatile hazardous air pollutant content of each fountain solution additive used in Source P110 each month.
- (3) The identity, quantity (expressed in gallons), volatile organic content and volatile hazardous air pollutant content of each blanket wash solution used in Source P110 each month.
- (4) The mix ratio(s) of the fountain solution (amount of fountain solution additive per amount of water) and the as-applied volatile organic content of the mixture used in Source P110 each month.
- (5) The calculations used to determine the emission of volatile organic compounds and volatile hazardous air pollutants for Source P110 for each month for the previous 12 consecutive month period.

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

**SECTION D. Source Level Requirements****# 008 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this condition is derived from 25 PA Code Section 129.67b]

Records shall be maintained on site for all MSDS, CPDS or other data provided by manufacturers for each ink, fountain solution, and blanket wash indicating % VOC by weight and vapor pressures. All records generated pursuant to the is condition shall be retained for a minimum of 5 years and shall be made available to the Department upon request.

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

[Compliance with this permit condition assures compliance with the requirements of 25 PA Code Section 129.67b]

The permittee shall submit reports on an quarterly basis of the following:

- (1) The identity, quantity (expressed in pounds), volatile organic content and volatile hazardous air pollutant content of each ink used each month in Source P110 during the quarter.
- (2) The identity, quantity (expressed in gallons), volatile organic content and volatile hazardous air pollutant content of each fountain solution additive used each month in Source P110 during the quarter.
- (3) The identity, quantity (expressed in gallons), volatile organic content and volatile hazardous air pollutant content of each blanket wash solution used each month in Source P110 during the quarter.
- (4) The mix ratio(s) and as-applied volatile organic content of the fountain solution mixture used in Source P110 each month.
- (5) The records of calculations used to determine the emission of volatile organic compounds and volatile hazardous air pollutants for Source P110 for each month for the previous 12 consecutive month period during the quarter.

The quarterly reports shall be submitted to the Department by no later than April 30 for the preceding January 1 to March 31 time period, July 31 for the preceding April 1 to June 30 time period, October 31 for the preceding July 1 to September 30 time period and January 31 for the preceding October 1 to December 31 time period.

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

[Compliance with this permit condition assures compliance with the requirements of 25 PA Code Section 129.67b]

All VOC-containing cleaning solutions, waste cleaning solutions, and solvent-laden rags or cloths used for cleanup in Source P110 shall be stored in closed containers while not in use. All cleaning activities shall minimize the evaporation of solvents into the atmosphere.

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

Source P110 is a Ryobi 524HXX four-color, sheet-fed, offset lithographic printing press.

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

The volatile organic compound content of the inks used for Source P110 shall not exceed 4.7%, by weight. Additionally, the subject inks shall not contain any detectable amount of volatile hazardous air pollutants.

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

[Compliance with this permit condition assures compliance with the requirements of 25 PA Code Section 129.67b]

**SECTION D. Source Level Requirements**

The permittee shall meet the following requirements for the blanket wash used for Source P110:

(a) The volatile organic compound content of the blanket wash solution used for shall not exceed 5.83 pounds per gallon. Additionally, the subject blanket wash solution shall not contain any detectable amount of volatile hazardous air pollutants.

(b) Maintain the as applied VOC content of the blanket wash less than 70 percent by weight, or the VOC composite partial vapor pressure less than 10 mm Hg at 68 degrees F.

014 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 PA Code Section 129.67b]

The fountain solution used for Source P110 shall contain no more than 6 ounces of fountain solution additive for every gallon of water.

015 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Compliance with this permit condition assures compliance with the requirements of 25 PA Code Section 129.67b]

The permittee shall meet the following requirements for the fountain solution used in Source P110:

(a) Maintain the as applied VOC content of the fountain solution at or below:

- 1) 5% by weight;
- 2) 8.5% by weight if the fountain solution is refrigerated below 60 degrees F;
- 3) 5.0 percent by weight, and contain no alcohol.

(b) The volatile organic compound content and the volatile hazardous air pollutant content of the fountain solution additive used shall not exceed 3.97 pounds per gallon.



SECTION E. Source Group Restrictions.

**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.



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