



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

STATE ONLY OPERATING PERMIT

Issue Date: October 26, 1999 Effective Date: January 5, 2011
Revision Date: January 5, 2011 Expiration Date: November 4, 2015
Revision Type: Amendment

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: 19-00026

Synthetic Minor

Federal Tax Id - Plant Code: 36-1004130-6

Owner Information

Name: RR DONNELLEY & SONS CO
Mailing Address: 4411 OLD BERWICK RD
BLOOMSBURG, PA 17815-3509

Plant Information

Plant: RR DONNELLEY/BLOOMSBURG PLT
Location: 19 Columbia County 19932 South Centre Township
SIC Code: 2731 Manufacturing - Book Publishing

Responsible Official

Name: DANELLE WILSON
Title: VP MANUFACTURING
Phone: (570) 380 - 6744

Permit Contact Person

Name: STACEY L HAEFNER
Title: EHS PROFESSIONAL
Phone: (717) 293 - 2056

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

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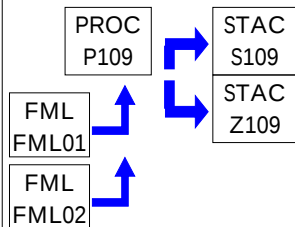
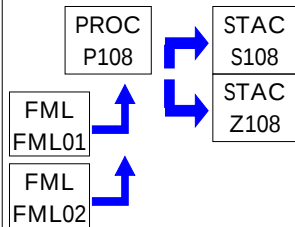
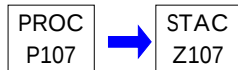
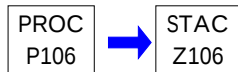
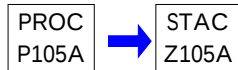
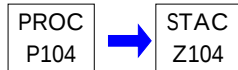
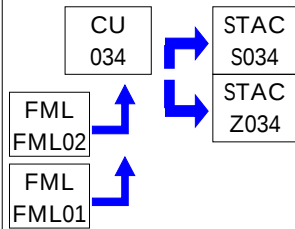
SECTION A. Site Inventory List

Source ID	Source Name	Capacity/Throughput	Fuel/Material
034	COMBUSTION UNITS		
P103	BOOK BINDING LINE 3		
P104	BOOK BINDING LINE 4		
P105A	COMPACTS		
P106	BOOK BINDING LINES 5 & 6		
P107	BOOK BINDING LINE 7		
P108	WEB PRINTING PRESS 8		
P109	WEB PRINTING PRESS 9		
P110	WEB PRINTING PRESS 10		
P111	WEB PRINTING PRESS 11		
P115	WEB PRINTING PRESS 15		
P116	WEB PRINTING PRESSES 16 & 17		
P118	WEB PRINTING PRESS 18	2.890	MMBTU/HR
P119	WEB PRINTING PRESS 19		
P120	PARTS WASHER		
P121	FIRE PUMP		
P123	EMERGENCY GENERATOR		
C01	APPLIED WEB SYSTEMS RTO		
C02	TANN RTO		
FML01	NATURAL GAS LINE		
FML02	PROPANE TANK		
FML03	DIESEL STORAGE TANKS		
S01	ALLIED WEB SYSTEMS RTO STACK		
S02	TANN RTO STACK		
S034	BOILER 4 STACK		
S108	PRESS 8 STACK		
S109	PRESS 9 STACK		
S110	PRESS 10 STACK		
S111	PRESS 11 STACK		
S121	FIRE PUMP STACK		
S123	EMERGENCY GENERATOR STACK		
Z034	COMBUSTION UNIT EMISSIONS		
Z103	BOOK BINDING LINE 3 EMISSIONS		
Z104	BOOK BINDING LINE 4 EMISSIONS		
Z105A	COMPACTS EMISSIONS		
Z106	NEW BINDING LINE EMISSIONS		
Z107	BINDING LINE 7 FUGITIVE EMISSIONS		
Z108	PRINTING PRESS 8 FUGITIVE EMISSIONS		
Z109	PRINTING PRESS 9 FUGITIVE EMISSIONS		
Z110	PRINTING PRESS 11 FUGITIVE EMISSIONS		

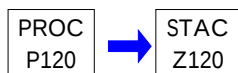
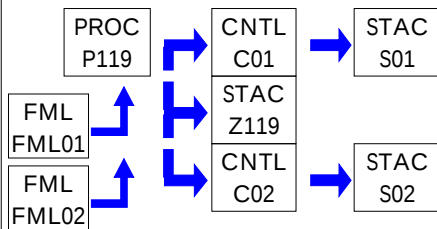
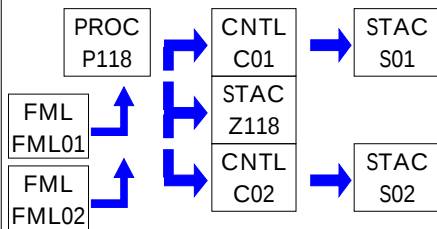
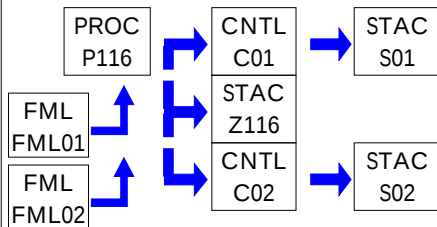
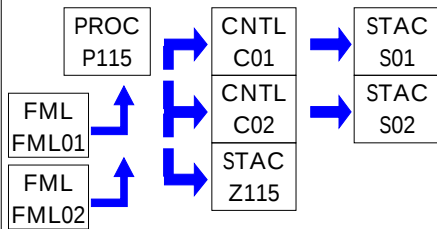
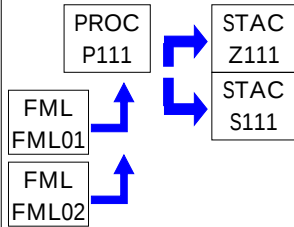
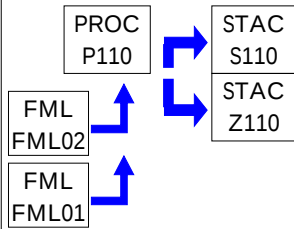
SECTION A. Site Inventory List

Source ID	Source Name	Capacity/Throughput	Fuel/Material
Z111	PRESS 11 FUGITIVE EMISSIONS		
Z115	WEB PRINTING PRESS 15 FUGITIVE EMISSIONS		
Z116	PRINTING PRESSES 16 & 17 FUGITIVE EMISSIONS		
Z118	WEB PRINTING PRESS 18 FUGITIVE EMISSIONS		
Z119	WEB PRINTING PRESS 19 FUGITIVE EMISSIONS		
Z120	PARTS WASHER EMISSIONS		

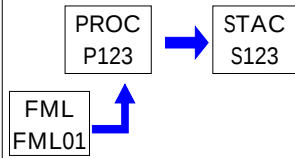
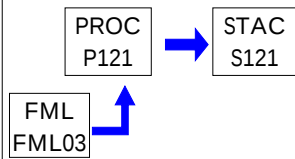
PERMIT MAPS



PERMIT MAPS



PERMIT MAPS



SECTION B. General State Only Requirements

#001 [25 Pa. Code § 121.1]

Definitions.

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

#002 [25 Pa. Code § 127.446]

Operating Permit Duration.

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

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

Permit Renewal.

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

#004 [25 Pa. Code § 127.703]

Operating Permit Fees under Subchapter I.

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

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

This fee schedule shall apply to the processing of an application for an operating permit as well as the extension, modification, revision, renewal, and re-issuance of each operating permit or part thereof.

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

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

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

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

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

#005 [25 Pa. Code §§ 127.450 (a)(4) and 127.464]

Transfer of Operating Permits.

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

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

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

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

Inspection and Entry.

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

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

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

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

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

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

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

SECTION B. General State Only Requirements

#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:

- (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.

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(3) The permittee has failed to submit a report required by the operating permit or an applicable regulation.

(4) The EPA determines that the permit is not in compliance with the Clean Air Act or the regulations thereunder.

#011 [25 Pa. Code §§ 127.450 & 127.462]

Operating Permit Modifications

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

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

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

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

#012 [25 Pa. Code § 127.441]

Severability Clause.

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

#013 [25 Pa. Code § 127.449]

De Minimis Emission Increases.

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

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

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

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

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

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

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

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

(4) Six-tenths of a ton of PM₁₀ from a single source during the term of the permit and 3.0 tons of PM₁₀ at the facility during the term of the permit. This shall include emissions of a pollutant regulated under Section 112 of the Clean Air

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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:

(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

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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)
- (6) Section 127.462 (relating to minor operating permit modifications)
- (7) Subchapter H (relating to general plan approvals and general operating permits)

#015 [25 Pa. Code § 127.11]

Reactivation

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

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

#016 [25 Pa. Code § 127.36]

Health Risk-based Emission Standards and Operating Practice Requirements.

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

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

#017 [25 Pa. Code § 121.9]

Circumvention.

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

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

Reporting Requirements.

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

SECTION B. General State Only Requirements

(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 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

SECTION B. General State Only Requirements

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

#021 [25 Pa. Code § 127.441(a)]

Property Rights.

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

#022 [25 Pa. Code § 127.447]

Alternative Operating Scenarios.

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

SECTION C. Site Level Requirements

I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §123.1]

Prohibition of certain fugitive emissions

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

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

002 [25 Pa. Code §123.2]

Fugitive particulate matter

A person may not permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in Condition #001 (1)-(7) above if such emissions are visible at the point the emissions pass outside the person's property.

003 [25 Pa. Code §123.41]

Limitations

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

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

004 [25 Pa. Code §123.42]

Exceptions

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

- (1) The presence of uncombined water is the only reason for failure of the emission to meet the limitations.
- (2) The emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions.

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 emission of volatile organic compounds (VOCs) from Source IDs P115, P116, P118, and P119 that are captured and

SECTION C. Site Level Requirements

destroyed in ID C02 shall not exceed 2.50 tons, after control, in any 12 consecutive month period.

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 emission of total combined hazardous air pollutants (HAPs) from Source IDs P106 and Source ID P107 shall not exceed 0.4 ton in any 12 consecutive month period. Additionally, the glue materials used in Source IDs P106 and P107 shall not contain HAPs in any quantity, except for 1,4-dioxane, acetaldehyde, acrylamide, benzene, cumene, ethyl benzene, ethylene dichloride, ethylene glycol, ethylene oxide, formaldehyde, glycol ethers, hexane, hydrogen fluoride, hydroquinone, methanol, methyl ethyl ketone, methyl isobutyl ketone, methylene chloride, naphthalene, propylene oxide, toluene, vinyl acetate, and xylenes. Additional HAPs may be used in Source IDs P106 and P107 as long as the permittee requests, in writing, and the Department approves, in writing, the new HAP prior to its use.

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 emission of volatile organic compounds (VOCs) from Source IDs P103 and P104 shall not exceed 5 tons in any 12 consecutive month period.

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 and 127.12]

The emission of volatile organic compounds (VOCs) from all sources at the facility shall not equal or exceed 50 tons in any 12 consecutive month period.

009 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

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

The emission of volatile organic compounds (VOCs) from Source IDs P115, P116, P118, and Source ID P119 shall not exceed 18.55 tons in any 12 consecutive month period.

010 [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 emission of volatile organic compounds (VOCs) from Source IDs P115, P116, P118, and P119 that are captured and destroyed in ID C01 shall not exceed 2.29 tons, after control, in any 12 consecutive month period.

Fuel Restriction(s).

011 [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 permittee shall only use natural gas or propane as fuel for the burners of IDs C01 and C02.

SECTION C. Site Level Requirements

Control Device Efficiency Restriction(s).

012 [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]

ID C01 shall destroy the VOC / HAP emissions ducted to it from Source IDs P115, P116, P118, and P119 at a destruction efficiency of no less than 97% (by weight).

OR

The VOC / HAP concentration in the exhaust of ID C01 shall be no greater than 20 parts per million, by volume, dry basis (ppmvd), expressed as methane.

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 and 127.12]

ID C02 shall destroy the VOC / HAP emissions ducted to it from Source IDs P115, P116, P118, and P119 at a destruction efficiency of no less than 98% (by weight).

II. TESTING REQUIREMENTS.

014 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall perform tests (in accordance with the provisions of 25 Pa. Code Chapter 139) or provide a fuel certification report of the percent sulfur by weight of each delivery of #2 or lighter fuel oil.

OR

The permittee shall keep records of fuel certification reports obtained yearly from the fuel oil supplier stating that the sulfur percentage for each shipment of fuel delivered to the facility during the year shall not exceed 0.5% sulfur by weight for #2 or lighter fuel oil.

015 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) At least one year prior to the expiration of NMOP 19-00026, the permittee shall perform stack testing upon the inlet and outlet of ID C01 while ID C01 is being used to control emissions from Source IDs P115, P116, P118, and P119 to determine the amount of VOCs and HAPs present and the VOC / HAP destruction efficiency of ID C01.

(b) The stack testing shall be conducted while Source IDs P115, P116, P118, and P119 are simultaneously operating at representative operating conditions. Additionally, the test shall verify compliance with a VOC / HAP destruction efficiency of 97% for ID C01 and a VOC / HAP concentration of no greater than 20 ppmvd from the outlet of ID C01.

(c) During the stack testing, the temperature of the combustion chamber of the ID C01 shall not go below 1,450 degrees Fahrenheit or above 1,550 degrees Fahrenheit. Additionally, the pressure drop of the bed media of ID C01 shall be monitored and recorded during testing.

016 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The stack testing required by this permit shall be performed using EPA reference test methods approved by the Department.

(b) At least sixty (60) days prior to the performance of this stack testing, a test plan shall be submitted to the Department for evaluation. The plan shall contain a description of the proposed test methods and dimensioned drawings or sketches showing the test port locations.

SECTION C. Site Level Requirements

(c) The Department (Northcentral Regional Office and Central Office, Source Testing Section) shall be given at least fourteen (14) days advance notice of the scheduled dates for the performance of this stack testing. The Department is under no obligation to accept the results of the testing without having been given proper notification.

(d) Within sixty (60) days of the completion of this stack testing, two (2) copies of the test report shall be submitted to the Department (Northcentral Regional Office). The 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.

017 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) At least one year prior to the expiration of NMOP 19-00026, the permittee shall perform stack testing upon the inlet and outlet of ID C02 while ID C02 is being used to control emissions from Source IDs P115, P116, P118, and P119 to determine the amount of VOCs and HAPs present and the VOC / HAP destruction efficiency of ID C02.

(b) The stack testing shall be conducted while Source IDs P115, P116, P118, and P119 are simultaneously operating at representative operating conditions. Additionally, the test shall verify compliance with a VOC / HAP destruction efficiency of 98% for ID C02.

(c) During the stack testing, the temperature of the combustion chamber of the ID C02 shall not go below 1,450 degrees Fahrenheit or above 1,550 degrees Fahrenheit. Additionally, the pressure drop of the bed media of ID C02 shall be monitored and recorded during testing.

018 [25 Pa. Code §139.1]

Sampling facilities.

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

019 [25 Pa. Code §139.11]

General requirements.

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

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

- (1) A thorough source description, including a description of any air cleaning devices and the flue,
- (2) Process conditions, for example, the charging rate of raw material or rate of production of final product, boiler pressure, oven temperature, and other conditions which may affect emissions from the process,
- (3) The location of sampling ports,
- (4) Effluent characteristics, including velocity, temperature, moisture content, gas density (percentage of CO, CO₂, O₂ and N₂), static and barometric pressures,
- (5) Sample collection techniques employed, including procedures used, equipment descriptions, and data to verify that isokinetic sampling for particulate matter collection occurred and that acceptable test conditions were met,

SECTION C. Site Level Requirements

(6) Laboratory procedures and results,

(7) Calculated results.

III. MONITORING REQUIREMENTS.

020 [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.

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]

- (a) ID C01 shall be equipped with instrumentation to monitor and record the temperature of the combustion chamber of ID C01 on a continuous basis.
- (b) ID C01 shall be equipped with instrumentation to monitor the pressure drop across the bed media of ID C01 on a continuous basis.

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]

- (a) ID C02 shall be equipped with instrumentation to monitor and record the temperature of the combustion chamber of ID C02 on a continuous basis.
- (b) ID C02 shall be equipped with instrumentation to monitor the pressure drop across the bed media of ID C02 on a continuous basis.

023 [25 Pa. Code §127.441]

Operating permit terms and conditions.

- (a) The permittee shall conduct a weekly inspection of the facility during daylight hours while the facility is operating to detect visible emissions, visible fugitive emissions, and malodors. Weekly inspections are necessary to determine:
 - (1) The presence of visible emissions,
 - (2) The presence of visible fugitive emissions,
 - (3) The presence of malodors beyond the boundaries of the facility.
- (b) All detected visible emissions, visible fugitive emissions, or malodors that have the potential to exceed applicable limits shall be reported to the manager of the facility.

IV. RECORDKEEPING REQUIREMENTS.

024 [25 Pa. Code §127.441]

Operating permit terms and conditions.

- (a) The permittee shall maintain a logbook of the facility's weekly inspections performed. The logbook shall include the name of the company representative performing the inspection, the date and time of inspections, any instances of

SECTION C. Site Level Requirements

exceedances of visible emissions limitations, visible fugitive emissions limitations, and malodorous air emissions limitations, and the name of the manager informed if a potential exceedance is observed. The permittee shall also record any and all corrective action(s) taken to abate each recorded deviation to prevent future occurrences.

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

025 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall keep up-to-date records of Certified Product Data Sheets (CPDSs), or Manufacturer Safety Data Sheets (MSDS) if the CPDS is not available from the manufacturer, that identify the VOC content and HAP content of each VOC- and/or HAP-containing material used at the facility.

026 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall keep records of the supporting calculations for VOC emissions from Source IDs P115, P116, P118, and P119 located at the facility on a monthly basis and shall verify compliance with the VOC emission limitation in any 12 consecutive month period.

(b) The permittee shall keep records of the supporting calculations for VOC emissions from the exhaust of ID C01 associated with Source IDs P115, P116, P118, and P119 on a monthly basis and shall verify compliance with the VOC emission limitation in any 12 consecutive month period.

(c) The permittee shall keep records of the supporting calculations for VOC emissions from the exhaust of ID C02 associated with Source IDs P115, P116, P118, and P119 on a monthly basis and shall verify compliance with the VOC emission limitation in any 12 consecutive month period.

(d) The permittee shall keep records of the supporting calculations for VOC emissions from all sources at the facility on a monthly basis and shall verify compliance with the VOC emission limitation in any 12 consecutive month period.

(e) The permittee shall keep records of the supporting calculations for HAPs emissions from Source IDs P106 and P107 on a monthly basis and shall verify compliance with the total combined HAPs emission limitation in any 12 consecutive month period.

(f) The permittee shall keep records of the supporting calculations for VOC emissions from Source IDs P103 and P104 on a monthly basis and shall verify compliance with the VOC emission limitation in any 12 consecutive month period.

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

027 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall keep records of the temperature of the combustion chamber of ID C01 at all times ID C01 is in operation.

(b) The permittee shall keep records of the temperature of the combustion chamber of ID C02 at all times ID C02 is in operation.

(c) The permittee shall keep records of the pressure drop of the bed media of ID C01 at least once per day when ID C01 is in operation.

(d) The permittee shall keep records of the pressure drop of the bed media of ID C02 at least once per day when ID C02 is in operation.

SECTION C. Site Level Requirements

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

V. REPORTING REQUIREMENTS.

028 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Upon request by the Department, the permittee shall submit all requested reports in accordance with the Department's suggested format.

029 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall report malfunctions which occur at this facility 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 that may result in an increase in the emissions of air contaminants. Failures that are caused in part by poor maintenance or careless operation are not malfunctions.

(b) Failures that are caused in part by poor maintenance or careless operation shall be reported as excess emissions or deviations from this permit's requirements.

(c) When the malfunction, excess emissions, or deviation from this permit's requirements poses an imminent and substantial danger to the public health and safety or environment, the permittee shall notify the Department by telephone no later than one (1) hour after the incident.

(d) Any malfunction, excess emissions, or deviation from this permit's requirements that is not subject to the notice requirements of subsection (c) of this permit condition shall be reported to the Department within twenty-four (24) hours of discovery. In notifying the Department, the permittee shall describe the following:

- (i) name and location of the facility,
- (ii) nature and cause of the malfunction or breakdown,
- (iii) time when the malfunction or breakdown was first observed,
- (iv) expected duration of excess emissions,
- (v) estimated rate of emissions,
- (vi) corrective actions or preventative measures taken.

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

(f) Upon the request of the Department, the permittee shall submit a full written report to the Regional Air Program Manager within fifteen (15) days of the malfunction, excess emissions, or deviations from this permit's requirements.

030 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall submit reports to the Department on a semi-annual basis that include the supporting calculations used to verify compliance with the VOC emission limitation for Source IDs P115, P116, P118, and P119 located at the facility in any 12 consecutive month period.

(b) The permittee shall submit reports to the Department on a semi-annual basis that include the supporting calculations used to verify compliance with the VOC emission limitation for the exhaust of ID C01 associated with Source IDs P115, P116, P118, and P119 in any 12 consecutive month period.

(c) The permittee shall submit reports to the Department on a semi-annual basis that include the supporting calculations used to verify compliance with the VOC emission limitation for the exhaust of ID C02 associated with Source IDs P115, P116, P118, and P119 in any 12 consecutive month period.

SECTION C. Site Level Requirements

- (d) The permittee shall submit reports to the Department on a semi-annual basis that include the supporting calculations used to verify compliance with the VOC emission limitation for all sources at the facility in any 12 consecutive month period.
- (e) The permittee shall submit reports to the Department on a semi-annual basis that include the supporting calculations used to verify compliance with the total combined HAPs emission limitation for Source IDs P106 and P107 in any 12 consecutive month period.
- (f) The permittee shall submit reports to the Department on a semi-annual basis that include the supporting calculations used to verify compliance with the VOC emission limitation for Source IDs P103 and P104 in any 12 consecutive month period.
- (g) The semi-annual reports shall be submitted to the Department no later than March 1 (for January 1 through December 31 of the previous year) and September 1 (for July 1 of the previous year through June 30 of the current year).

031 [25 Pa. Code §135.3]

Reporting

- (a) A person who owns or operates a source to which 25 Pa. Code Chapter 135 applies, and who has previously been advised by the Department to submit a source report, shall submit by March 1 of each year an Annual Air Information Management Systems (AIMS) Emissions report for the preceding calendar year. The report shall include information for all previously reported sources, new sources which were first operated during the preceding calendar year, and sources modified during the same period which were not previously reported.
- (b) A person who receives initial notification by the Department that an Annual Air Information Management Systems (AIMS) Emissions report is necessary, shall submit an initial Annual Air Information Management Systems (AIMS) Emissions report within sixty (60) days after receiving the notification or by March 1 of the year following the year for which the report is required, whichever is later.
- (c) The permittee may request an extension of time from the Department for the filing of an Annual Air Information Management Systems (AIMS) Emissions report, and the Department may grant the extension for reasonable cause.

VI. WORK PRACTICE REQUIREMENTS.

032 [25 Pa. Code §123.1]

Prohibition of certain fugitive emissions

For any source specified in 25 Pa Code Section 123.1 subsections (a)(1)-(8) or (a)(9), the permittee shall take all reasonable actions to prevent particulate matter from becoming airborne. These actions shall include, but not be limited to, the following:

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

033 [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]

SECTION C. Site Level Requirements

- (a) Source IDs P115, P116, P118, and P119 may be operated only with the simultaneous operation of both IDs C01 and C02.
- (b) Only four of the five presses among Source IDs P115, P116, P118 and P119 may be operated with the simultaneous operation of ID C01.
- (c) The presses among Source IDs P115, P116, and P119, except Source ID P118, may be operated with the simultaneous operation of ID C02.
- (d) Only two of the five presses among Source IDs P115, P116, and P119 with Source ID P118 may be operated with the simultaneous operation of ID C02.
- (e) In order for ID C01 and/or ID C02 to be considered in operation, the combustion chamber of the respective control device shall achieve and maintain a temperature of at least 1500 degrees Fahrenheit.

VII. ADDITIONAL REQUIREMENTS.

034 [25 Pa. Code §121.7]

Prohibition of air pollution.

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

035 [25 Pa. Code §123.31]

Limitations

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

036 [25 Pa. Code §129.14]

Open burning operations

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

VIII. COMPLIANCE CERTIFICATION.

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

IX. COMPLIANCE SCHEDULE.

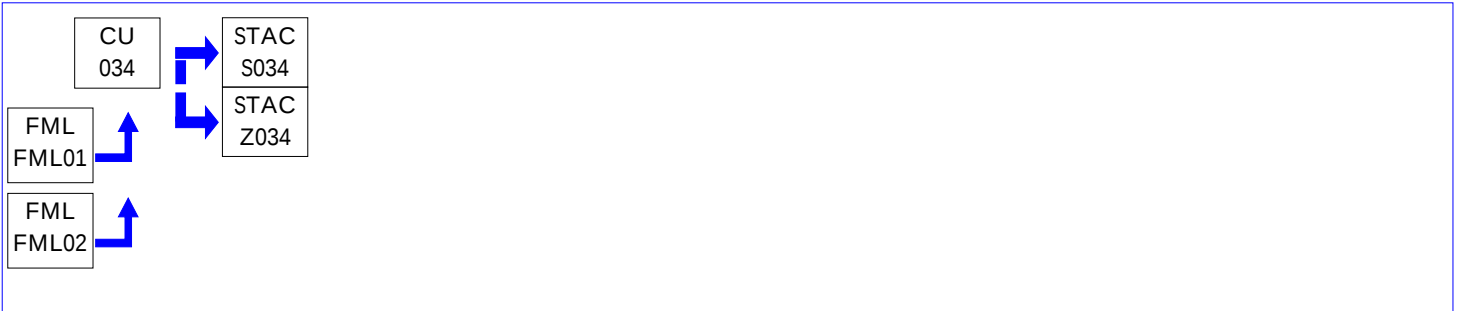
No compliance milestones exist.

SECTION D. Source Level Requirements

Source ID: 034

Source Name: COMBUSTION UNITS

Source Capacity / Throughput:



I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §123.11]

Combustion units

No person may permit the emission of particulate matter from Source ID 034 into the outdoor atmosphere in excess of 0.40 pound per million Btu of heat input.

002 [25 Pa. Code §123.22]

Combustion units

[Compliance with the requirement specified in this streamlined permit condition assures compliance with the provision in 40 CFR 52.2020(c)]

No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO₂, from Source ID 034 in excess of the rate of 4 pounds per million Btu of heat input over any 1-hour period.

Fuel Restriction(s).

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall only use natural gas or propane as fuel for the boiler and space heaters of Source ID 034.

(b) The permittee shall only use natural gas as fuel for the air curtains and air conditioners of Source ID 034.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

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

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

VII. ADDITIONAL REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID 034 consists of the following:

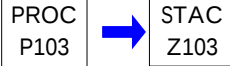
- (a) Boiler #4, a Hurst model S1-25-30-G unit rated 1.00 million Btu per hour, constructed 2004,
- (b) Eight (8) Hastings space heaters, two (2) model AFX-224 and six (6) model AFX-248 units each rated between 0.315 million Btu per hour and 1.15 million Btu per hour (total 7.39 million Btu per hour), constructed 1997 and 2003,
- (c) Air curtains #1 and #2, each rated at 0.163 million Btu per hour,
- (d) Air conditioner #1, rated at 0.300 million Btu per hour,
- (e) Air conditioner #2, rated at 0.850 million Btu per hour.

SECTION D. Source Level Requirements

Source ID: P103

Source Name: BOOK BINDING LINE 3

Source Capacity / Throughput:

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

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

The adhesives and other materials used in Source ID P103 shall not contain volatile organic compounds (VOCs) in excess of the following levels:

- (a) "hot melt" adhesives - 3.5% by weight (as applied)
- (b) "case-in" adhesives - 2.8% by weight (as applied)
- (c) "primer" adhesives - 1.5% by weight (as applied)
- (d) edge stains - 1.0% by weight (as applied)

All limitations are on a weighted-average basis, calculated on a monthly average.

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.

(a) The permittee shall keep records of the identity and amount of each VOC-containing and /or hazardous air pollutant (HAP)-containing material used each month in Source ID P103.

(b) The permittee shall keep records of the supporting calculations for adhesive VOC content on a monthly basis and shall verify compliance with the VOC content limitation for adhesives used in Source ID P103 per month.

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

V. REPORTING REQUIREMENTS.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

SECTION D. Source Level Requirements

(a) The permittee shall submit reports to the Department on a semi-annual basis that include the records of the identity and amount of each VOC-containing and/or hazardous air pollutant (HAP)-containing material used each month in Source ID P103.

(b) The permittee shall submit reports to the Department on a semi-annual basis that include the supporting calculations used to verify compliance with the VOC content limitation for adhesives used in Source ID P103 per month.

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

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.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

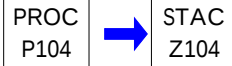
Source ID P103, constructed in 1997, is book binding line #3, a Heidelberg / Harris model UB-551 unit rated at 15,000 softcover books per hour and 6,000 hardcover books per hour, equipped with an electrically operated infrared dryer.

SECTION D. Source Level Requirements

Source ID: P104

Source Name: BOOK BINDING LINE 4

Source Capacity / Throughput:

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

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

The adhesives and other materials used in Source ID P104 shall not contain volatile organic compounds (VOCs) in excess of the following levels:

- (a) "hot melt" adhesives - 3.5% by weight (as applied)
- (b) "case-in" adhesives - 2.8% by weight (as applied)
- (c) "primer" adhesives - 1.5% by weight (as applied)
- (d) edge stains - 1.0% by weight (as applied)

All limitations are on a weighted-average basis, calculated on a monthly average.

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.

- (a) The permittee shall keep records of the identity and amount of each VOC-containing and/or HAP-containing material used each month in Source ID P104.
- (b) The permittee shall keep records of the supporting calculations for adhesive VOC content on a monthly basis and shall verify compliance with the VOC content limitation for adhesives used in Source ID P104 per month.
- (c) These records shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

SECTION D. Source Level Requirements

- (a) The permittee shall submit reports to the Department on a semi-annual basis that include the records of the identity and amount of each VOC-containing and /or HAP-containing material used each month in Source ID P104.
- (b) The permittee shall submit reports to the Department on a semi-annual basis that include the supporting calculations used to verify compliance with the VOC content limitation for adhesives used in Source ID P104 per month.
- (c) The semi-annual reports shall be submitted to the Department no later than March 1 (for January 1 through December 31 of the previous year) and September 1 (for July 1 of the previous year through June 30 of the current year).

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.

004 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

Source ID P104 is book binding line #4, an AM Graphics / AMG model UB-227 unit rated at 15,000 softcover books per hour, constructed 1997.

SECTION D. Source Level Requirements

Source ID: P105A

Source Name: COMPACTS

Source Capacity / Throughput:



I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

The adhesives and other materials used in Source ID P105A shall not contain volatile organic compounds (VOCs) in excess of the following levels:

- (a) "hot melt" adhesives - 3.5% by weight (as applied)
- (b) "case-in" adhesives - 2.8% by weight (as applied)
- (c) "primer" adhesives - 1.5% by weight (as applied)
- (d) edge stains - 1.0% by weight (as applied)

All limitations are on a weighted-average basis, calculated on a monthly average.

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.

(a) The permittee shall keep records of the identity and amount of each VOC-containing and /or hazardous air pollutant (HAP)-containing material used each month in Source ID P105A.

(b) The permittee shall keep records of the supporting calculations for adhesive VOC content on a monthly basis and shall verify compliance with the VOC content limitation for adhesives used in Source ID P105A per month.

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

V. REPORTING REQUIREMENTS.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

SECTION D. Source Level Requirements

- (a) The permittee shall submit reports to the Department on a semi-annual basis that include the records of the identity and amount of each VOC-containing and/or HAP-containing material used each month in Source ID P105A.
- (b) The permittee shall submit reports to the Department on a semi-annual basis that include the supporting calculations used to verify compliance with the VOC content limitation for adhesives used in Source ID P105A per month.
- (c) The semi-annual reports shall be submitted to the Department no later than March 1 (for January 1 through December 31 of the previous year) and September 1 (for July 1 of the previous year through June 30 of the current year).

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.

004 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

Source ID P105A consists of compacts for hard-cover book production, which includes the following:

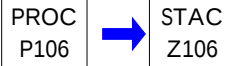
- (a) Compact C50,
- (b) Compact Crathern 1,
- (c) Compact Crathern 2.

SECTION D. Source Level Requirements

Source ID: P106

Source Name: BOOK BINDING LINES 5 & 6

Source Capacity / Throughput:

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

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

The emission of volatile organic compounds (VOCs) from Source ID P106 shall not exceed 7.91 tons in any 12 consecutive month period.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

The hot melt adhesive used in Source ID P106 shall not contain more than 3.5% volatile organic compounds (by weight), as applied.

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.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall keep records of the identity and amount of each VOC-containing and/or hazardous air pollutant (HAP)-containing material used each month in Source ID P106.

(b) The permittee shall keep records of the supporting calculations for VOC emissions on a monthly basis and shall verify compliance with the VOC emission limitation for Source ID P106 in any 12 consecutive month period.

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

V. REPORTING REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall submit reports to the Department on a semi-annual basis that include the records of the identity and amount of each VOC-containing and/or HAP-containing material used each month in Source ID P106.

(b) The permittee shall submit reports to the Department on a semi-annual basis that include the supporting calculations

SECTION D. Source Level Requirements

used to verify compliance with the VOC emission limitation for Source ID P106 in any 12 consecutive month period.

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

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.

005 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

Source ID P106 consists of the following:

(a) Book binding line #5, a Muller Martini model Corona unit rated at 18,000 books per hour, constructed 2005.

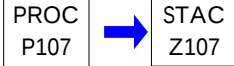
(b) Book binding line #6, a Kolbus model KM472-A unit rated at 8,000 books per hour, constructed 2005.

SECTION D. Source Level Requirements

Source ID: P107

Source Name: BOOK BINDING LINE 7

Source Capacity / Throughput:



I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

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

The emission of volatile organic compounds (VOCs) from Source ID P107 shall not exceed 6.0 tons in any 12 consecutive month period.

002 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

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

The hot melt adhesive used in Source ID P107 shall not contain more than 3.5% volatile organic compounds (by weight), as applied.

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.

003 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

(a) The permittee shall keep records of the identity and amount of each VOC-containing and/or hazardous air pollutant (HAP)-containing material used each month in Source ID P107.

(b) The permittee shall keep records of the supporting calculations for VOC emissions from Source ID P107 on a monthly basis and shall verify compliance with the VOC emission limitation in any 12 consecutive month period.

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

V. REPORTING REQUIREMENTS.

004 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

(a) The permittee shall submit reports to the Department on a semi-annual basis that include the records of the identity and amount of each VOC-containing and/or HAP-containing material used each month in Source ID P107.

(b) The permittee shall submit reports to the Department on a semi-annual basis that include the supporting calculations

SECTION D. Source Level Requirements

used to verify compliance with the VOC emission limitation for Source ID P107 in any 12 consecutive month period.

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

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.

005 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

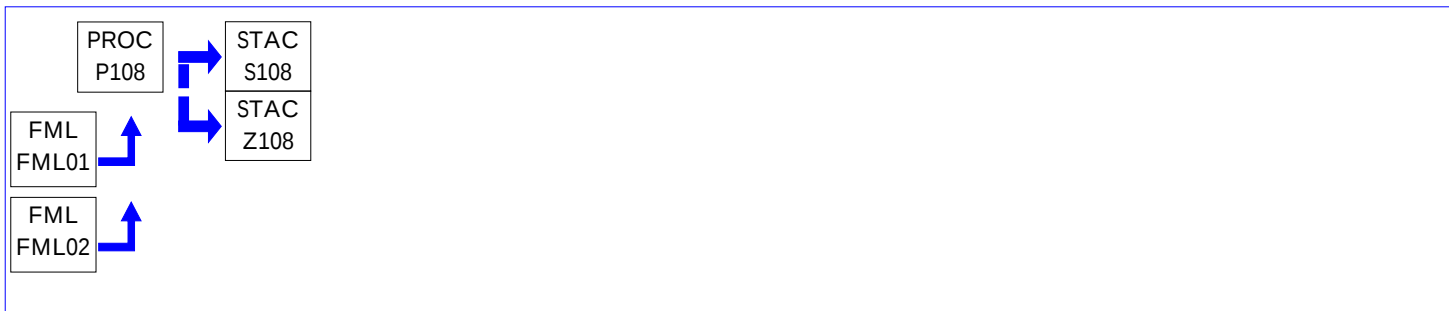
Source ID P107 is book binding line #7, a Kolbus model KM472-A unit rated at 8,000 books per hour, constructed 2007.

SECTION D. Source Level Requirements

Source ID: P108

Source Name: WEB PRINTING PRESS 8

Source Capacity / Throughput:



I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §123.13]

Processes

No person may permit the emission of particulate matter from Source ID P108 into the outdoor atmosphere in a manner that the concentration in the effluent gas exceeds 0.04 grain per dry standard cubic foot.

002 [25 Pa. Code §123.21]

General

No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO₂, from Source ID P108 in 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 inks used in Source ID P108 shall contain no more than 30% volatile organic compounds (VOCs) by weight, as applied, on a weighted-average basis, calculated on a monthly average.

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]

All VOC-containing materials used for cleanup purposes associated with Source ID P108 shall either contain no more than 30% VOCs by weight or have a composite partial vapor pressure no greater than 10 millimeters of mercury at 68 degrees Fahrenheit.

Fuel Restriction(s).

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall only use natural gas or propane as fuel for the dryer of Source ID P108.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

SECTION D. Source Level Requirements**IV. RECORDKEEPING REQUIREMENTS.**

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall keep records of the identity and amount of each VOC-containing and/or hazardous air pollutant (HAP)-containing material used each month in Source ID P108.

(b) The permittee shall keep records of the supporting calculations for ink VOC content on a monthly basis and shall verify compliance with the VOC content limitation for inks used in Source ID P108 per month.

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

V. REPORTING REQUIREMENTS.

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall submit reports to the Department on a semi-annual basis that include the records of the identity and amount of each VOC-containing and/or HAP-containing material used each month in Source ID P108.

(b) The permittee shall submit reports to the Department on a semi-annual basis that include the supporting calculations used to verify compliance with the VOC content limitation for inks used in Source ID P108 per month.

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

VI. WORK PRACTICE REQUIREMENTS.

008 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

Source ID P108 is to be used to print text and associated line illustrations, half-tones and screens, or other materials of a similar nature in which ink coverage is minimal.

009 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

The only VOC-containing material to be added to the fountain solution used in Source ID P108 shall be an acceptable alcohol replacement, or an additive with equivalent or lesser volatility than the alcohol replacement. Under no circumstances shall isopropyl alcohol be added to the fountain solutions used in Source ID P108.

010 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall keep all containers of cleanup solvent associated with Source ID P108 closed when not in actual use and store all solvent-wet rags, etc. in closed containers when not in actual use. Under no circumstances shall the permittee dispose of waste solvent associated with Source ID P108 via evaporation or treat or pretreat solvent-wet rags, etc. prior to disposal or reuse by subjecting them to air drying or any other means of solvent removal that would unnecessarily cause solvent to be evaporated into the air.

VII. ADDITIONAL REQUIREMENTS.

011 [25 Pa. Code §127.441]

SECTION D. Source Level Requirements**Operating permit terms and conditions.**

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

Any product used to reduce the tack of the ink used in Source ID P108, or otherwise used to thin the ink used in Source ID P108, shall have a volatility equivalent to, or less than, the volatility of the VOC (i.e., ink oils) contained in the unthinned inks described in the application and supplemental materials submitted for plan approval.

012 [25 Pa. Code §127.441]

Operating permit terms and conditions.

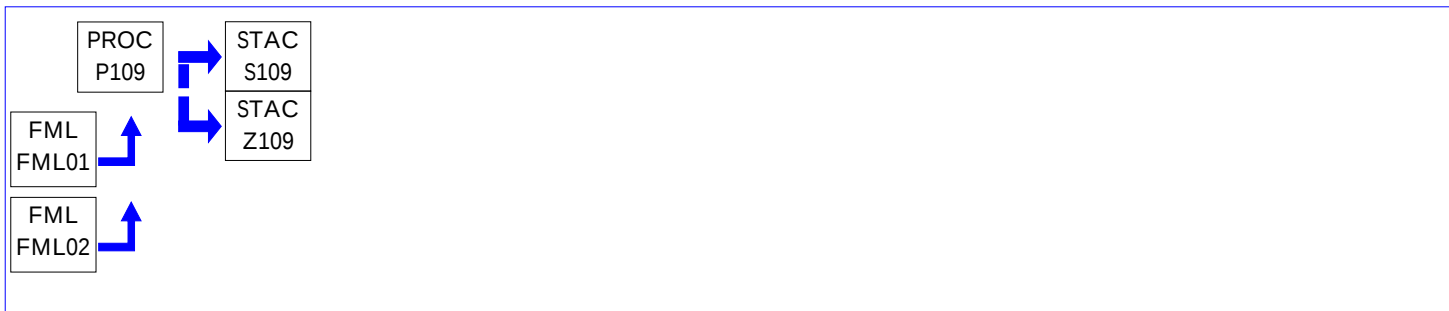
Source ID P108 is printing press #8, a Heidelberg / Harris / Cottrell model M110 / A unit rated at 839 feet of web per minute, equipped with a 5.29 million Btu per hour dryer, exhaust stack flow 2300 ACFM at 350 degrees Fahrenheit, constructed 1975.

SECTION D. Source Level Requirements

Source ID: P109

Source Name: WEB PRINTING PRESS 9

Source Capacity / Throughput:



I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §123.21]

General

No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO₂, from Source ID P109 in a manner that the concentration of the sulfur oxides in the effluent gas exceeds 500 parts per million, by volume, dry basis.

002 [25 Pa. Code §123.31]

Limitations

No person may permit the emission of particulate matter from Source ID P109 into the outdoor atmosphere in a manner that the concentration in the effluent gas exceeds 0.04 grain per dry standard cubic foot.

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 inks used in Source ID P109 shall contain no more than 30% volatile organic compounds (VOCs) by weight, as applied, on a weighted-average basis, calculated on a monthly average.

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]

All VOC-containing materials used for cleanup purposes associated with Source ID P109 shall either contain no more than 30% VOCs by weight or have a composite partial vapor pressure no greater than 10 millimeters of mercury at 68 degrees Fahrenheit.

Fuel Restriction(s).

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall only use natural gas or propane as fuel for the dryer of Source ID P109.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

SECTION D. Source Level Requirements

IV. RECORDKEEPING REQUIREMENTS.

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall keep records of the identity and amount of each VOC-containing and/or hazardous air pollutant (HAP)-containing material used each month in Source ID P109.

(b) The permittee shall keep records of the supporting calculations for ink VOC content on a monthly basis and shall verify compliance with the VOC content limitation for inks used in Source ID P109 per month.

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

V. REPORTING REQUIREMENTS.

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall submit reports to the Department on a semi-annual basis that include the records of the identity and amount of each VOC-containing and/or HAP-containing material used each month in Source ID P109.

(b) The permittee shall submit reports to the Department on a semi-annual basis that include the supporting calculations used to verify compliance with the VOC content limitation for inks used in Source ID P109 per month.

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

VI. WORK PRACTICE REQUIREMENTS.

008 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

Source ID P109 is to be used to print text and associated line illustrations, half-tones and screens, or other materials of a similar nature in which ink coverage is minimal.

009 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

The only VOC-containing material to be added to the fountain solution used in Source ID P109 shall be an acceptable alcohol replacement, or an additive with equivalent or lesser volatility than the alcohol replacement. Under no circumstances shall isopropyl alcohol be added to the fountain solutions used in Source ID P109.

010 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall keep all containers of cleanup solvent associated with Source ID P109 closed when not in actual use and store all solvent-wet rags, etc. in closed containers when not in actual use. Under no circumstances shall the permittee dispose of waste solvent associated with Source ID P109 via evaporation or treat or pretreat solvent-wet rags, etc. prior to disposal or reuse by subjecting them to air drying or any other means of solvent removal that would unnecessarily cause solvent to be evaporated into the air.

VII. ADDITIONAL REQUIREMENTS.

011 [25 Pa. Code §127.441]

SECTION D. Source Level Requirements**Operating permit terms and conditions.**

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

Any product used to reduce the tack of the ink used in Source ID P109, or otherwise used to thin the ink used in Source ID P109, shall have a volatility equivalent to, or less than, the volatility of the VOC (i.e., ink oils) contained in the unthinned inks described in the application and supplemental materials submitted for plan approval.

012 [25 Pa. Code §127.441]

Operating permit terms and conditions.

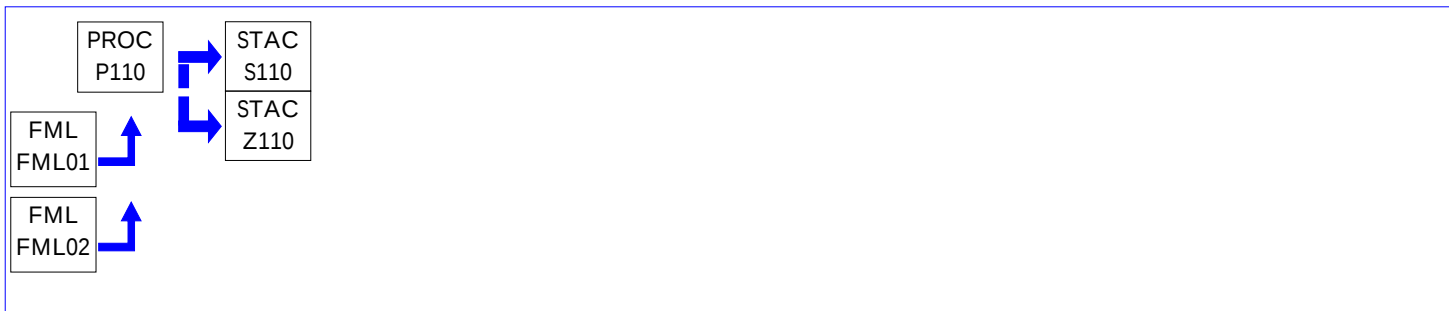
Source ID P109 is printing press #9, a Heidelberg / Harris / Cottrell model M112 unit rated at 839 feet of web per minute, equipped with a 7.70 million Btu per hour dryer, exhaust stack flow 2300 ACFM at 350 degrees Fahrenheit, constructed 1977.

SECTION D. Source Level Requirements

Source ID: P110

Source Name: WEB PRINTING PRESS 10

Source Capacity / Throughput:



I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §123.13]

Processes

No person may permit the emission of particulate matter from Source ID P110 into the outdoor atmosphere in a manner that the concentration in the effluent gas exceeds 0.04 grain per dry standard cubic foot.

002 [25 Pa. Code §123.21]

General

No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO₂, from Source ID P110 in 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 inks used in Source ID P110 shall contain no more than 30% volatile organic compounds (VOCs) by weight, as applied, on a weighted-average basis, calculated on a monthly average.

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]

All VOC-containing materials used for cleanup purposes associated with Source ID P110 shall either contain no more than 30% VOCs by weight or have a composite partial vapor pressure no greater than 10 millimeters of mercury at 68 degrees Fahrenheit.

Fuel Restriction(s).

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall only use natural gas or propane as fuel for the dryer of Source ID P110.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

SECTION D. Source Level Requirements**IV. RECORDKEEPING REQUIREMENTS.**

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall keep records of the identity and amount of each VOC-containing and/or hazardous air pollutant (HAP)-containing material used each month in Source ID P110.

(b) The permittee shall keep records of the supporting calculations for ink VOC content on a monthly basis and shall verify compliance with the VOC content limitation for inks used in Source ID P110 per month.

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

V. REPORTING REQUIREMENTS.

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall submit reports to the Department on a semi-annual basis that include the records of the identity and amount of each VOC-containing and/or HAP-containing material used each month in Source ID P110.

(b) The permittee shall submit reports to the Department on a semi-annual basis that include the supporting calculations used to verify compliance with the VOC content limitation for inks used in Source ID P110 per month.

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

VI. WORK PRACTICE REQUIREMENTS.

008 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

Source ID P110 is to be used to print text and associated line illustrations, half-tones and screens, or other materials of a similar nature in which ink coverage is minimal.

009 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

The only VOC-containing material to be added to the fountain solution used in Source ID P110 shall be an acceptable alcohol replacement, or an additive with equivalent or lesser volatility than the alcohol replacement. Under no circumstances shall isopropyl alcohol be added to the fountain solutions used in Source ID P110.

010 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall keep all containers of cleanup solvent associated with Source ID P110 closed when not in actual use and store all solvent-wet rags, etc. in closed containers when not in actual use. Under no circumstances shall the permittee dispose of waste solvent associated with Source ID P110 via evaporation or treat or pretreat solvent-wet rags, etc. prior to disposal or reuse by subjecting them to air drying or any other means of solvent removal that would unnecessarily cause solvent to be evaporated into the air.

VII. ADDITIONAL REQUIREMENTS.

011 [25 Pa. Code §127.441]

SECTION D. Source Level Requirements**Operating permit terms and conditions.**

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

Any product used to reduce the tack of the ink used in Source ID P110, or otherwise used to thin the ink used in Source ID P110, shall have a volatility equivalent to, or less than, the volatility of the VOC (i.e., ink oils) contained in the unthinned inks described in the application and supplemental materials submitted for plan approval.

012 [25 Pa. Code §127.441]

Operating permit terms and conditions.

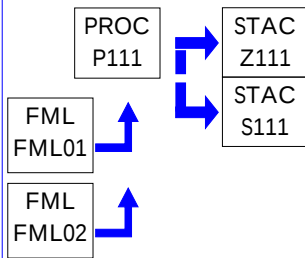
Source ID P110 is printing press #10, a Heidelberg / Harris / Cottrell model M112 unit rated at 839 feet of web per minute, equipped with a 5.28 million Btu per hour dryer, exhaust stack flow 2300 ACFM at 350 degrees Fahrenheit, constructed 1978.

SECTION D. Source Level Requirements

Source ID: P111

Source Name: WEB PRINTING PRESS 11

Source Capacity / Throughput:



I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §123.13]

Processes

No person may permit the emission of particulate matter from Source ID P111 into the outdoor atmosphere in a manner that the concentration in the effluent gas exceeds 0.04 grain per dry standard cubic foot.

002 [25 Pa. Code §123.21]

General

No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO₂, from Source ID P111 in 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 §127.14]

Exemptions.

(a) The volatile organic compound (VOC) emissions from Source ID P111 shall not exceed 2.7 tons in any 12 consecutive month period.

(b) The combined hazardous air pollutant (HAP) emissions from Source ID P111 shall not exceed 0.6 ton 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 inks used in Source ID P111 shall contain no more than 30% volatile organic compounds (VOCs) by weight, as applied, on a weighted-average basis, calculated on a monthly average.

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]

All VOC-containing materials used for cleanup purposes associated with Source ID P111 shall either contain no more than 30% VOCs by weight or have a composite partial vapor pressure no greater than 10 millimeters of mercury at 68 degrees Fahrenheit.

Fuel Restriction(s).

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall only use natural gas or propane as fuel for the dryer of Source ID P111.

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.

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 §127.14]

Exemptions.

- (a) The permittee shall keep records of the supporting calculations for VOC emissions on a monthly basis and shall verify compliance with the VOC emission limitation for Source ID P111 in any 12 consecutive month period.
- (b) The permittee shall keep records of the supporting calculations for combined HAP emissions on a monthly basis and shall verify compliance with the combined HAP emission limitation for Source ID P111 in any 12 consecutive month period.
- (c) These records shall be retained for at minimum of five (5) years and shall be made available to the Department upon request.

008 [25 Pa. Code §127.441]

Operating permit terms and conditions.

- (a) The permittee shall keep records of the identity and amount of each VOC-containing and/or HAP-containing material used each month in Source ID P111.
- (b) The permittee shall keep records of the supporting calculations for ink VOC content on a monthly basis and shall verify compliance with the VOC content limitation for inks used in Source ID P111 per month.
- (c) These records 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 §127.14]

Exemptions.

- (a) The permittee shall submit reports to the Department on an annual basis that include the supporting calculations used to verify compliance with the VOC emission limitation for Source ID P111 in any 12 consecutive month period.
- (b) The permittee shall submit reports to the Department on an annual basis that include the supporting calculations used to verify compliance with the combined HAPs emission limitation for Source ID P111 in any 12 consecutive month period.
- (c) The annual reports shall be submitted to the Department no later than March 1 (for January 1 through December 31 of the previous year).

010 [25 Pa. Code §127.441]

Operating permit terms and conditions.

- (a) The permittee shall submit reports to the Department on a semi-annual basis that include the records of the identity and amount of each VOC-containing and/or HAP-containing material used each month in Source ID P111.
- (b) The permittee shall submit reports to the Department on a semi-annual basis that include the supporting calculations used to verify compliance with the VOC content limitation for inks used in Source ID P111 per month.

SECTION D. Source Level Requirements

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

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 Sections 127.1 and 127.12]

Source ID P111 is to be used to print text and associated line illustrations, half-tones and screens, or other materials of a similar nature in which ink coverage is minimal.

012 [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 only VOC-containing material to be added to the fountain solution used in Source ID P111 shall be an acceptable alcohol replacement, or an additive with equivalent or lesser volatility than the alcohol replacement. Under no circumstances shall isopropyl alcohol be added to the fountain solutions used in Source ID P111.

013 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

The permittee shall keep all containers of cleanup solvent associated with Source ID P111 closed when not in actual use and store all solvent-wet rags, etc. in closed containers when not in actual use. Under no circumstances shall the permittee dispose of waste solvent associated with Source ID P111 via evaporation or treat or pretreat solvent-wet rags, etc. prior to disposal or reuse by subjecting them to air drying or any other means of solvent removal that would unnecessarily cause solvent to be evaporated into the air.

VII. ADDITIONAL REQUIREMENTS.

014 [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]

Any product used to reduce the tack of the ink used in Source ID P111, or otherwise used to thin the ink used in Source ID P111, shall have a volatility equivalent to, or less than, the volatility of the VOC (i.e., ink oils) contained in the unthinned inks described in the application and supplemental materials submitted for plan approval.

015 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

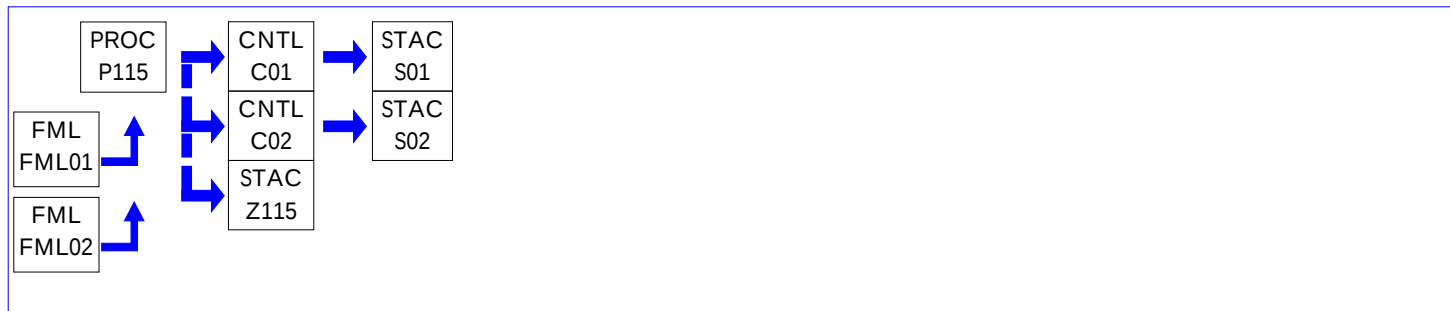
Source ID P111 is printing press #11, a Heidelberg / Harris / Cottrell model M122 unit rated at 887 feet of web per minute, equipped with a 7.70 million Btu per hour dryer, constructed 1978.

SECTION D. Source Level Requirements

Source ID: P115

Source Name: WEB PRINTING PRESS 15

Source Capacity / Throughput:



I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §123.13]

Processes

No person may permit the emission of particulate matter from the exhaust of ID C01 and/or ID C02 associated with Source ID P115 into the outdoor atmosphere in a manner that the concentration in the effluent gas exceeds 0.04 grain per dry standard cubic foot.

002 [25 Pa. Code §123.21]

General

No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO₂, from the exhaust of ID C01 and/or ID C02 associated with Source ID P115 in 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 inks used in Source ID P115 shall contain no more than 37% volatile organic compounds (VOCs) by weight, as applied, on a weighted-average basis, calculated on a monthly average.

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 fountain solutions used in Source ID P115 shall contain no more than 1.0% VOCs by weight, as applied.

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 emission of combined hazardous air pollutants (HAPs) from Source ID P116 shall not exceed 1.0 ton in any 12 consecutive month period. Additionally, the materials used in Source ID P116 shall not contain HAPs in any quantity, except for 1,4-dioxane, acetaldehyde, acrylamide, benzene, cumene, ethyl benzene, ethylene dichloride, ethylene glycol, ethylene oxide, formaldehyde, glycol ethers, hexane, hydrogen fluoride, hydroquinone, methanol, methyl ethyl ketone, methyl isobutyl ketone, methylene chloride, naphthalene, propylene oxide, toluene, vinyl acetate, and xylenes. Additional HAPs may be used in Source ID P116 as long as the permittee requests, in writing, and the Department approves, in writing, the new HAP prior to its use.

SECTION D. Source Level Requirements**Fuel Restriction(s).**

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall only use natural gas or propane as fuel for the dryer of Source ID P115.

Control Device Efficiencies Restriction(s).

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]

(a) The VOC emissions from ink oil used in Source ID P115 that are not retained in the substrate shall be captured by the press dryers of Source ID P115 with an efficiency of 100% and shall be exhausted to ID C01 and/or ID C02.

(b) The VOC emissions from fountain solution used in Source ID P115 shall be captured by the press dryers of Source ID P115 with an efficiency of 70% and shall be exhausted to ID C01 and/or ID C02.

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.

008 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID P115 shall be equipped with a pressure measuring device to monitor the differential pressure of each press dryer of Source ID P115 with respect to the ambient pressure of the pressroom at all times Source ID P115 is in operation.

IV. RECORDKEEPING REQUIREMENTS.

009 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall keep records of the identity and amount of each VOC-containing and/or hazardous air pollutant (HAP)-containing material used each month in Source ID P115.

(b) The permittee shall keep records of the supporting calculations for ink VOC content on a monthly basis and shall verify compliance with the VOC content limitation for inks used in Source ID P115 per month.

(c) These records 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.

(a) The permittee shall submit reports to the Department on a semi-annual basis that include the records of the identity and amount of each VOC-containing and/or HAP-containing material used each month in Source ID P115.

(b) The permittee shall submit reports to the Department on a semi-annual basis that include the supporting calculations used to verify compliance with the VOC content limitation for inks used in Source ID P115 per month.

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

SECTION D. Source Level Requirements**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 Sections 127.1 and 127.12]

Source ID P115 is to be used to print text and associated line illustrations, half-tones and screens, or other materials of a similar nature in which ink coverage is minimal.

012 [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 only VOC-containing material to be added to the fountain solution used in Source ID P115 shall be an acceptable alcohol replacement, or an additive with equivalent or lesser volatility than the alcohol replacement. Under no circumstances shall isopropyl alcohol be added to the fountain solutions used in Source ID P115.

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 and 127.12]

Source ID P115 shall not be operated without the simultaneous operation of ID C01 and/or ID C02.

014 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

(a) Each press dryer of Source ID P115 shall be operated at a negative differential pressure with respect to the ambient pressure of the pressroom at all times Source ID P115 is in operation.

(b) Each press dryer of Source ID P115 shall be equipped with an interlocking device that prevents Source ID P115 from operating if the differential pressure with respect to the ambient pressure of the pressroom is not negative.

015 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

The permittee shall keep all containers of cleanup solvent associated with Source ID P115 closed when not in actual use and store all solvent-wet rags, etc. in closed containers when not in actual use. Under no circumstances shall the permittee dispose of waste solvent associated with Source ID P115 via evaporation or treat or pretreat solvent-wet rags, etc. prior to disposal or reuse by subjecting them to air drying or any other means of solvent removal that would unnecessarily cause solvent to be evaporated into the air.

VII. ADDITIONAL REQUIREMENTS.

016 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

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

Any product used to reduce the tack of the ink used in Source ID P115, or otherwise used to thin the ink used in Source ID P115, shall have a volatility equivalent to, or less than, the volatility of the VOC (i.e., ink oils) contained in the unthinned inks described in the application and supplemental materials submitted for plan approval.

017 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

(a) Source ID P115 is printing press #15, a Timson model T-32 unit rated at 1219 feet of web per minute and 2,000 SCFM of airflow, equipped with a 7.70 million Btu per hour dryer, constructed 1998. The VOC and HAP emissions from the dryers are exhausted to ID C01 and/or ID C02.

SECTION D. Source Level Requirements

(b) ID C01 is a regenerative thermal oxidizer, an Applied Web Systems model RTO-10-95 unit with a designed airflow inlet volume of 10,000 SCFM, equipped with a 2.8 million Btu per hour burner and a flush chamber, installed 2005.

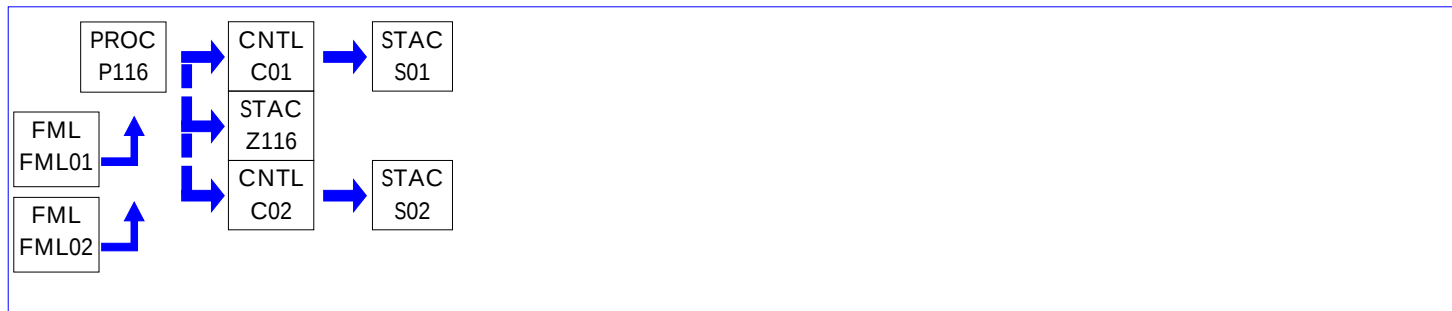
(c) ID C02 is a regenerative thermal oxidizer, a Tann model TR894C unit with a designed airflow inlet volume of 8,000 SCFM, equipped with a 1.63 million Btu per hour burner and a flush chamber, installed 2007.

SECTION D. Source Level Requirements

Source ID: P116

Source Name: WEB PRINTING PRESSES 16 & 17

Source Capacity / Throughput:



I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §123.13]

Processes

No person may permit the emission of particulate matter from the exhaust of ID C01 and/or ID C02 associated with Source ID P116 into the outdoor atmosphere in a manner that the concentration in the effluent gas exceeds 0.04 grain per dry standard cubic foot.

002 [25 Pa. Code §123.21]

General

No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO₂, from the exhaust of ID C01 and/or ID C02 associated with Source ID P116 in 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 inks used in Source ID P116 shall contain no more than 37% volatile organic compounds (VOCs) by weight, as applied, on a weighted average basis, calculated monthly.

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 fountain solutions used in Source ID P116 shall contain no more than 1.0% VOCs by weight, as applied.

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 emission of combined hazardous air pollutants (HAPs) from Source ID P116 shall not exceed 1.0 ton in any 12 consecutive month period. Additionally, the materials used in Source ID P116 shall not contain HAPs in any quantity, except for 1,4-dioxane, acetaldehyde, acrylamide, benzene, cumene, ethyl benzene, ethylene dichloride, ethylene glycol, ethylene oxide, formaldehyde, glycol ethers, hexane, hydrogen fluoride, hydroquinone, methanol, methyl ethyl ketone, methyl isobutyl ketone, methylene chloride, naphthalene, propylene oxide, toluene, vinyl acetate, and xylenes. Additional HAPs may be used in Source ID P116 as long as the permittee requests, in writing, and the Department approves, in writing, the new HAP prior to its use.

SECTION D. Source Level Requirements

Fuel 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 permittee shall only use natural gas or propane as fuel for each press dryer of Source ID P116.

Control Device Efficiencies Restriction(s).

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]

(a) The VOC emissions from ink oil used in Source ID P116 that are not retained in the substrate shall be captured by the press dryers of Source ID P116 with an efficiency of 100% and shall be exhausted to ID C01 and/or ID C02.

(b) The VOC emissions from fountain solution used in Source ID P116 shall be captured by the press dryers of Source ID P116 with an efficiency of 70% and shall be exhausted to ID C01 and/or ID C02.

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.

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 and 127.12]

Each press of Source ID P116 shall be equipped with a pressure measuring device to monitor the differential pressure of each press dryer of Source ID P116 with respect to the ambient pressure of the pressroom at all times Source ID P116 is in operation.

IV. RECORDKEEPING REQUIREMENTS.

009 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall keep records of the identity and amount of each VOC-containing and/or HAP-containing material used each month in Source ID P116.

(b) The permittee shall keep records of the supporting calculations for HAPs emissions on a monthly basis and shall verify compliance with the combined HAPs emission limitation for Source ID P116 in any 12 consecutive month period.

(c) The permittee shall keep records of the supporting calculations for ink VOC content on a monthly basis and shall verify compliance with the VOC content limitation for inks used in Source ID P116 per month.

(d) These records 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.

(a) The permittee shall submit reports to the Department on a semi-annual basis that include the records of the identity and

SECTION D. Source Level Requirements

amount of each VOC-containing and/or HAP-containing material used each month in Source ID P116.

(b) The permittee shall submit reports to the Department on a semi-annual basis that include the supporting calculations used to verify compliance with the combined HAPs emission limitation for Source ID P116 in any 12 consecutive month period.

(c) The permittee shall submit reports to the Department on a semi-annual basis that include the supporting calculations used to verify compliance with the VOC content limitation for inks used in Source ID P116 per month.

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

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 Sections 127.1 and 127.12]

Source ID P116 shall not be operated without the simultaneous operation of ID C01 and/or ID C02.

012 [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]

All VOC-containing materials used for cleanup purposes in Source ID P116 shall have a vapor pressure no greater than 6.1 millimeters of mercury at 68 degrees Fahrenheit. A material with a higher vapor pressure may be used in Source ID P116 as long as the permittee requests, in writing, and the Department approves, in writing, the new material prior to its use.

013 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

(a) Each press dryer of Source ID P116 shall be operated at a negative differential pressure with respect to the ambient pressure of the pressroom at all times Source ID P116 is in operation.

(b) Each press dryer of Source ID P116 shall be equipped with an interlocking device that prevents Source ID P116 from operating if the differential pressure with respect to the ambient pressure of the pressroom is not negative.

014 [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 permittee shall keep all containers of cleanup solvent associated with Source ID P116 closed when not in actual use and store all solvent-wet rags, etc. in closed containers when not in actual use. Under no circumstances shall the permittee dispose of waste solvent associated with Source ID P116 via evaporation or treat or pretreat solvent-wet rags, etc. prior to disposal or reuse by subjecting them to air drying or any other means of solvent removal that would unnecessarily cause solvent to be evaporated into the air.

015 [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]

VOC-containing material added to the fountain solution used in Source ID P116 shall have a vapor pressure of less than 3.0 millimeters of mercury at 68 degrees Fahrenheit.

SECTION D. Source Level Requirements**VII. ADDITIONAL REQUIREMENTS.**

016 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) Source ID P116 consists of the following:

(1) Printing press #16, a Timson model 48T unit rated at 1300 feet of web per minute and 2,000 SCFM of airflow, equipped with one printing unit and a 5.46 million Btu per hour dryer, constructed 2005. The VOC and HAP emissions from the dryers are exhausted to ID C01 and /or ID C02.

(2) Printing press #17, a Timson model 48T unit rated at 1300 feet of web per minute and 2,000 SCFM of airflow, equipped with two printing units and a 5.46 million Btu per hour dryer, constructed 2005. The VOC and HAP emissions from the dryers are exhausted to ID C01 and /or ID C02.

(b) ID C01 is a regenerative thermal oxidizer, an Applied Web Systems model RTO-10-95 unit with a designed airflow inlet volume of 10,000 SCFM, equipped with a 2.8 million Btu per hour burner and a flush chamber, installed 2005.

(c) ID C02 is a regenerative thermal oxidizer, a Tann model TR894C unit with a designed airflow inlet volume of 8,000 SCFM, equipped with a 1.3 million Btu per hour burner and a flush chamber, installed 2007.

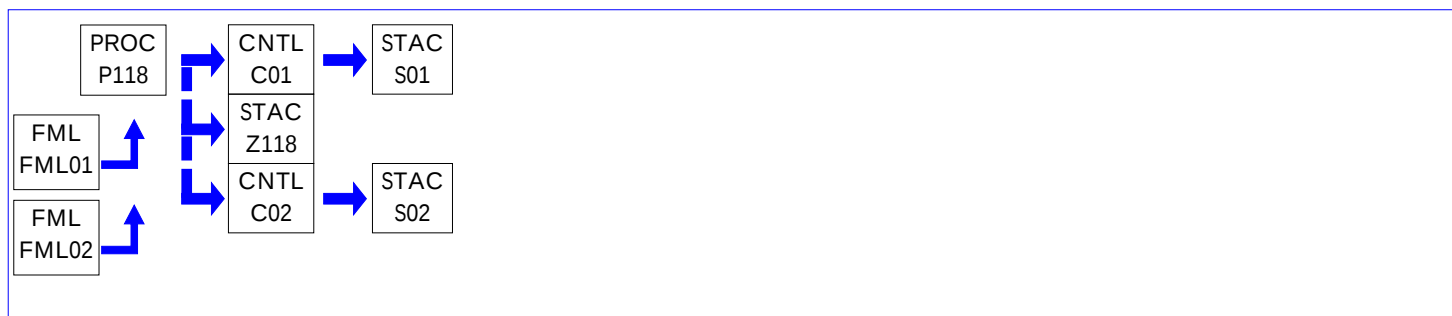
SECTION D. Source Level Requirements

Source ID: P118

Source Name: WEB PRINTING PRESS 18

Source Capacity / Throughput:

2.890 MMBTU / HR



I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §123.13]

Processes

No person may permit the emission of particulate matter from the exhaust of ID C01 and /or ID C02 associated with Source ID P118 into the outdoor atmosphere in a manner that the concentration in the effluent gas exceeds 0.04 grain per dry standard cubic foot.

002 [25 Pa. Code §123.21]

General

No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO₂, from the exhaust of ID C01 and /or ID C02 associated with Source ID P118 in 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 inks used in Source ID P118 shall contain no more than 37% volatile organic compounds (VOCs) by weight, as applied, on a weighted average basis, calculated monthly.

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 fountain solutions used in Source ID P118 shall contain no more than 1.0% VOCs by weight, as applied.

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 emission of combined hazardous air pollutants (HAPs) from Source ID P118 shall not exceed 0.73 ton in any 12 consecutive month period. Additionally, the materials used in Source ID P118 shall not contain HAPs in any quantity, except for 1,4-dioxane, acetaldehyde, acrylamide, benzene, cumene, ethyl benzene, ethylene dichloride, ethylene glycol, ethylene oxide, formaldehyde, glycol ethers, hexane, hydrogen fluoride, hydroquinone, methanol, methyl ethyl ketone, methyl isobutyl ketone, methylene chloride, naphthalene, propylene oxide, toluene, vinyl acetate, and xylenes. Additional HAPs may be used in Source ID P118 as long as the permittee requests, in writing, and the Department approves, in writing, the new HAP prior to its use.

SECTION D. Source Level Requirements

Fuel 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 permittee shall only use natural gas or propane as fuel for each press dryer of Source ID P118.

Control Device Efficiencies Restriction(s).

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]

(a) The VOC emissions from ink oil used in Source ID P118 that are not retained in the substrate shall be captured by the press dryers of Source ID P118 with an efficiency of 100% and shall be exhausted to ID C01 and/or ID C02.

(b) The VOC emissions from fountain solution used in Source ID P118 shall be captured by the press dryers of Source ID P118 with an efficiency of 70% and shall be exhausted to ID C01 and/or ID C02.

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.

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 and 127.12]

Source ID P118 shall be equipped with a pressure measuring device to monitor the differential pressure of each press dryer of Source ID P118 with respect to the ambient pressure of the pressroom at all times Source ID P118 is in operation.

IV. RECORDKEEPING REQUIREMENTS.

009 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall keep records of the identity and amount of each VOC-containing and/or HAP-containing material used each month in Source ID P118.

(b) The permittee shall keep records of the supporting calculations for HAPs emissions on a monthly basis and shall verify compliance with the combined HAPs emission limitation for Source ID P118 in any 12 consecutive month period.

(c) The permittee shall keep records of the supporting calculations for ink VOC content on a monthly basis and shall verify compliance with the VOC content limitation for inks used in Source ID P118 per month.

(d) These records 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.

(a) The permittee shall submit reports to the Department on a semi-annual basis that include the records of the identity and amount of each VOC-containing and/or HAP-containing material used each month in Source ID P118.

SECTION D. Source Level Requirements

(b) The permittee shall submit reports to the Department on a semi-annual basis that include the supporting calculations used to verify compliance with the combined HAPs emission limitation for Source ID P118 in any 12 consecutive month period.

(c) The permittee shall submit reports to the Department on a semi-annual basis that include the supporting calculations used to verify compliance with the VOC content limitation for inks used in Source ID P118 per month.

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

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 Sections 127.1 and 127.12]

Source ID P118 shall not be operated without the simultaneous operation of ID C01 and/or ID C02.

012 [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]

All VOC-containing materials used for cleanup purposes in Source ID P118 shall have a vapor pressure no greater than 6.1 millimeters of mercury at 68 degrees Fahrenheit. A material with a higher vapor pressure may be used in Source ID P118 as long as the permittee requests, in writing, and the Department approves, in writing, the new material prior to its use.

013 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

(a) Each press dryer of Source ID P118 shall be operated at a negative differential pressure with respect to the ambient pressure of the pressroom at all times Source ID P118 is in operation.

(b) Each press dryer of Source ID P118 shall be equipped with an interlocking device that prevents Source ID P118 from operating if the differential pressure with respect to the ambient pressure of the pressroom is not negative.

014 [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 permittee shall keep all containers of cleanup solvent associated with Source ID P118 closed when not in actual use and store all solvent-wet rags, etc. in closed containers when not in actual use. Under no circumstances shall the permittee dispose of waste solvent associated with Source ID P118 via evaporation or treat or pretreat solvent-wet rags, etc. prior to disposal or reuse by subjecting them to air drying or any other means of solvent removal that would unnecessarily cause solvent to be evaporated into the air.

015 [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]

VOC-containing material added to the fountain solution used in Source ID P118 shall have a vapor pressure of less than 3.0 millimeters of mercury at 68 degrees Fahrenheit.

SECTION D. Source Level Requirements**VII. ADDITIONAL REQUIREMENTS.**

016 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) Source ID P118 is printing press #18, a Hantscho model Mark 16 unit rated at 1022 feet of 33-inch wide web per minute and 3,000 SCFM of airflow, equipped with either two (2) or three (3) printing units and two (2) dryers with a total heat input rating of 2.89 million Btu per hour, constructed 2006. The VOC and HAP emissions from the dryers are exhausted to ID C01 and/or ID C02.

(b) ID C01 is a regenerative thermal oxidizer, an Applied Web Systems model RTO-10-95 unit with a designed airflow inlet volume of 10,000 SCFM, equipped with a 2.8 million Btu per hour burner and a flush chamber, installed 2005.

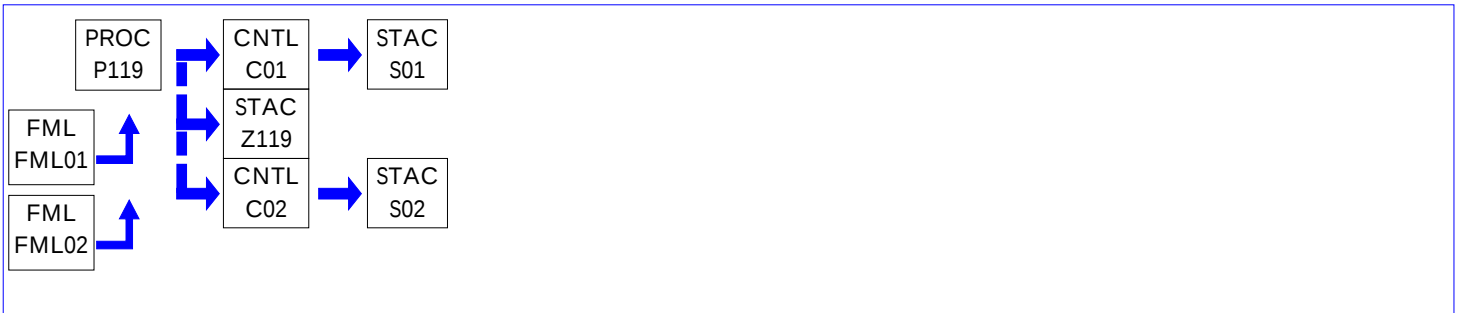
(c) ID C02 is a regenerative thermal oxidizer, a Tann model TR894C unit with a designed airflow inlet volume of 8,000 SCFM, equipped with a 1.3 million Btu per hour burner and a flush chamber, installed 2007.

SECTION D. Source Level Requirements

Source ID: P119

Source Name: WEB PRINTING PRESS 19

Source Capacity / Throughput:



I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §123.13]

Processes

No person may permit the emission of particulate matter from the exhaust of ID C01 and/or ID C02 associated with Source ID P119 into the outdoor atmosphere in a manner that the concentration in the effluent gas exceeds 0.04 grain per dry standard cubic foot.

002 [25 Pa. Code §123.21]

General

No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO₂, from the exhaust of ID C01 and/or ID C02 associated with Source ID P119 in 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 inks used in Source ID P119 shall not contain more than 37% volatile organic compounds (VOCs) by weight, as applied, on a weighted average basis, calculated monthly.

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 fountain solutions used in Source ID P119 shall not contain more than 1.0% VOCs by weight, as applied.

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 emission of combined hazardous air pollutants (HAPs) from Source ID P119 shall not exceed 0.60 ton in any 12 consecutive month period. Additionally, the materials used in Source ID P119 shall not contain HAPs in any quantity, except for 1,4-dioxane, acetaldehyde, acrylamide, benzene, cumene, ethyl benzene, ethylene dichloride, ethylene glycol, ethylene oxide, formaldehyde, glycol ethers, hexane, hydrogen fluoride, hydroquinone, methanol, methyl isobutyl ketone, methylene chloride, naphthalene, propylene oxide, toluene, vinyl acetate, and xylenes. Additional HAPs may be used in Source ID P119 as long as the permittee requests, in writing, and the Department approves, in writing, the new HAP prior to its use.

SECTION D. Source Level Requirements

Fuel 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 permittee shall only use natural gas or propane as fuel for each press dryer of Source ID P119.

Control Device Efficiencies Restriction(s).

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]

(a) The VOC emissions from ink oil used in Source ID P119 that are not retained in the substrate shall be captured by the press dryers of Source ID P119 with an efficiency of 100% and shall be exhausted to ID C01 and/or ID C02.

(b) The VOC emissions from fountain solution used in Source ID P119 shall be captured by the press dryers of Source ID P119 with an efficiency of 70% and shall be exhausted to ID C01 and/or ID C02.

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.

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 and 127.12]

Source ID P119 shall be equipped with a pressure measuring device to monitor the differential pressure of each press dryer of Source ID P119 with respect to the ambient pressure of the pressroom at all times Source ID P119 is in operation.

IV. RECORDKEEPING REQUIREMENTS.

009 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall keep records of the identity and amount of each VOC-containing and/or HAP-containing material used each month in Source ID P119.

(b) The permittee shall keep records of the supporting calculations for HAPs emissions on a monthly basis and shall verify compliance with the combined HAPs emission limitation for Source ID P119 in any 12 consecutive month period.

(c) The permittee shall keep records of the supporting calculations for ink VOC content on a monthly basis and shall verify compliance with the VOC content limitation for inks used in Source ID P119 per month.

(d) These records 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.

(a) The permittee shall submit reports to the Department on a semi-annual basis that include the records of the identity and amount of each VOC-containing and/or HAP-containing material used each month in Source ID P119.

SECTION D. Source Level Requirements

(b) The permittee shall submit reports to the Department on a semi-annual basis that include the supporting calculations used to verify compliance with the combined HAPs emission limitation for Source ID P119 in any 12 consecutive month period.

(c) The permittee shall submit reports to the Department on a semi-annual basis that include the supporting calculations used to verify compliance with the VOC content limitation for inks used in Source ID P119 per month.

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

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 Sections 127.1 and 127.12]

The VOC-containing materials used for cleanup purposes in Source ID P119 shall not have a vapor pressure greater than 6.1 millimeters of mercury at 68 degrees Fahrenheit. A material with a higher vapor pressure may be used in Source ID P119, as long as the permittee requests, in writing, and the Department approves, in writing, the new material prior to its use.

012 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

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

Source ID P119 shall not be operated without the simultaneous operation of ID C01 and/or ID C02.

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 and 127.12]

(a) Each press dryer of Source ID P119 shall be operated at a negative differential pressure with respect to the ambient pressure of the pressroom at all times Source ID P119 is in operation.

(b) Each press dryer of Source ID P119 shall be equipped with an interlocking device that prevents Source ID P119 from operating if the differential pressure with respect to the ambient pressure of the pressroom is not negative.

014 [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 permittee shall keep all containers of cleanup solvent associated with Source ID P119 closed when not in actual use and store all solvent-wet rags, etc. in closed containers when not in actual use. Under no circumstances shall the permittee dispose of waste solvent associated with Source ID P119 via evaporation or treat or pretreat solvent-wet rags, etc. prior to disposal or reuse by subjecting them to air drying or any other means of solvent removal that would unnecessarily cause solvent to be evaporated into the air.

015 [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 permittee shall not add VOC-containing material to the fountain solution used in Source ID P119.

SECTION D. Source Level Requirements**VII. ADDITIONAL REQUIREMENTS.**

016 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) Source ID P119 is printing press #19, a Timson model T48 ZMR unit rated at 1570 feet of 48-inch wide web per minute and 2,000 SCFM of airflow, equipped with two (2) printing stations and one (1) dryer with a total heat input rating of 2.89 million Btu per hour, constructed 2007. The VOC and HAP emissions from the dryers are exhausted to ID C01 and/or ID C02.

(b) ID C01 is a regenerative thermal oxidizer, an Applied Web Systems model RTO-10-95 unit with a designed airflow inlet volume of 10,000 SCFM, equipped with a 2.8 million Btu per hour burner and a flush chamber, installed 2005.

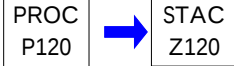
(c) ID C02 is a regenerative thermal oxidizer, a Tann model TR894C unit with a designed airflow inlet volume of 8,000 SCFM, equipped with a 1.3 million Btu per hour burner and a flush chamber, installed 2007.

SECTION D. Source Level Requirements

Source ID: P120

Source Name: PARTS WASHER

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 §129.63]

Degreasing operations

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

- (1) The name(s) and address(s) of the supplier(s) of the solvent(s) used in the parts washers incorporated in Source P120.
- (2) The type of solvent(s) used in the parts washers incorporated in Source P120 including the product or vendor identification number(s).
- (3) The vapor pressure(s) of the solvent(s) used in the parts washers incorporated in Source P120 measured in millimeters of mercury (mm Hg) at 20°C (68°F).

All records generated pursuant to this condition shall be retained at least two (2) 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.

002 [25 Pa. Code §129.63]

Degreasing operations

Source ID P120 shall be operated in accordance with the following procedures:

- (1) Waste solvent shall be collected and stored in a closed container. The closed container may contain a device that allows pressure relief, but does not allow liquid solvent to drip from the container.
- (2) Flushing of parts using a flexible hose or other flushing device shall be performed only within the cold cleaning

SECTION D. Source Level Requirements

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 cold cleaning machine shall be cleaned up immediately.

(6) Solvents containing hazardous air pollutants as an intentionally-added ingredient shall not be used in the parts washers incorporated in Source P120.

VII. ADDITIONAL REQUIREMENTS.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID P120 is subject to 25 Pa. Code Section 129.63(a) (Degreasing Operations - Cold Cleaning Machines). The permittee shall comply with all applicable requirements specified in 25 Pa. Code Section 129.63(a).

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID P120 is a Graymills parts washer, equipped with a 21" x 43" x 24" immersion sink, freeboard distance of 16", supplemented with a pump for recirculation of parts, constructed before July 26, 2003.

005 [25 Pa. Code §129.63]

Degreasing operations

Source ID P120 shall have a freeboard ratio of 0.50 or greater.

006 [25 Pa. Code §129.63]

Degreasing operations

Source ID P120 shall have a permanent, conspicuous label summarizing all required operating procedures specified in Condition #006 for Source ID P120. In addition, the label shall include 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.

(2) During the draining, tipping, or rotating, the parts should be positioned so that solvent drains directly back to the cold cleaning machine.

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

007 [25 Pa. Code §129.63]

Degreasing operations

Source ID P120 shall be equipped with a cover that shall be closed at all times except during the cleaning of parts or the addition or removal of solvent.

SECTION D. Source Level Requirements

Source ID: P121

Source Name: FIRE PUMP

Source Capacity / Throughput:

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

001 [25 Pa. Code §123.13]

Processes

No person may permit the emission of particulate matter from Source ID P121 into the outdoor atmosphere in a manner that the concentration in the effluent gas exceeds 0.04 grain per dry standard cubic foot.

002 [25 Pa. Code §123.21]

General

No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO₂, from Source ID P121 in 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.

The permittee shall only use diesel as fuel for Source ID P121.

Operation Hours Restriction(s).

004 [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?**

By May 3, 2013, the permittee shall minimize the time Source ID P121 is spent idle during startup and minimize the startup time of Source ID P121 to a period needed for appropriate and safe loading of Source ID P121.

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 and operating limitations?**

By May 3, 2013, Source ID P121 shall not be operated greater than the following:

(a) 100 hours per year for maintenance checks and readiness testing.

(b) 50 hours per year in other non-emergency situations, although this total is counted toward the total specified in subsection (a) above.

II. TESTING REQUIREMENTS.

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

SECTION D. Source Level 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?

By May 3, 2013, Source ID P121 shall be equipped with a non-resettable hour meter to monitor the hours of operation of Source ID P121.

IV. RECORDKEEPING REQUIREMENTS.

007 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6655]

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

What records must I keep?

[Additional authority for this permit condition is derived from 40 CFR Section 63.6660]

By May 3, 2013,

(a) The permittee shall keep records of the hours that Source ID P121 operated on a monthly basis and shall verify compliance with the hours of operation limitation per year.

(b) The permittee shall keep records of each malfunction and deviation that occurs with Source ID P121.

(c) The permittee shall keep records of all maintenance performed on Source ID P121.

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

V. REPORTING REQUIREMENTS.

008 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The submission of all requests, reports, applications, submittals and other communications required by 40 CFR Part 63, Subpart ZZZZ (National Emissions Standards For Hazardous Air Pollutants For Stationary Reciprocating Internal Combustion Engines), Sections 63.6580 through 63.6675, must be made to both the Department and the U.S. Environmental Protection Agency. The Environmental Protection Agency copies may be sent to:

U.S. EPA Region III
1650 Arch Street
11th Floor
3WC22
Philadelphia, PA 19103-2029

VI. WORK PRACTICE REQUIREMENTS.

009 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6580]

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

What is the purpose of subpart ZZZZ?

[Additional authority for this permit condition is derived from 40 CFR Section 63.6603]

By May 3, 2013, the permittee shall perform the following:

SECTION D. Source Level Requirements

(a) Change the oil and filter of Source ID P121 every 500 hours of operation or annually, whichever comes first. The permittee may elect to optionally utilize and an oil analysis program, provided that the permittee requests, in writing, and the Department approves, in writing, the oil analysis program prior to implementation.

(b) Inspect the air cleaner of Source ID P121 every 1,000 hours of operation, or annually, whichever comes first.

(c) Inspect all hoses and belts associated with Source ID P121 every 500 hours of operation or annually, whichever comes first, and replace as necessary.

010 [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?

[Additional authority for this permit condition is derived from 40 CFR Section 63.6640]

By May 13, 2013, the permittee shall perform one of the following:

(a) Operate and maintain Source ID P121 in accordance with the manufacturer's emission related written instructions.

(b) Develop a maintenance plan which must provide to the extent practicable for the maintenance and operation of Source ID P121 in a manner consistent with good air pollution control practice for minimizing emissions.

VII. ADDITIONAL REQUIREMENTS.

011 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID P121 is a General Motors model 6061-AZ fire sprinkler system pump rated at 170 horsepower, constructed 1964.

012 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6580]

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

What is the purpose of subpart ZZZZ?

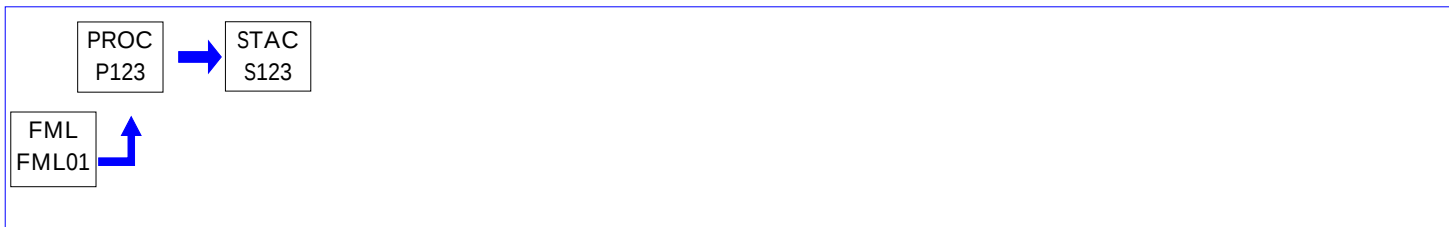
Source ID P121 is subject to 40 CFR Part 63, Subpart ZZZZ. The permittee shall comply with all the applicable requirements specified in 40 CFR Sections 63.6580 through 63.6675.

SECTION D. Source Level Requirements

Source ID: P123

Source Name: EMERGENCY GENERATOR

Source Capacity / Throughput:



I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §123.13]

Processes

No person may permit the emission into the outdoor atmosphere of particulate matter from Source ID P123 at any time in a manner that the concentration of particulate matter in the effluent gas exceeds .04 grains per dry standard cubic foot.

Fuel Restriction(s).

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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 ID P123 consists of one (1) Kohler model 30RZGB emergency generator with a rated electrical power output of 30 kilowatts (40 horsepower).



SECTION E. Alternative Operation Requirements.

No Alternative Operations exist for this State Only facility.



SECTION F. Emission Restriction Summary.

No emission restrictions listed in this section of the permit.

SECTION G. Miscellaneous.

The following air contaminant sources are considered to the Department to be insignificant with regards to air contaminant emissions and are determined to be exempt from permitting requirements. However, this determination does not exempt the sources from compliance with all applicable State and Federal regulations, including all applicable regulations specified in 25 Pa. Code Chapters 121-145:

- (a) One (1) propane storage tank, 30,000 gallons capacity,
- (b) Two (2) diesel storage tanks, 275 gallon capacity each, one used for fire pump, one used for yard vehicles,
- (c) Plate making equipment area, materials each have a VOC content of less than 5% by weight, potential VOC emissions are less than 100 pounds in any 12 consecutive month period,
- (d) Ink jet printers, materials each have a VOC content of less than 5% by weight, potential VOC emissions are less than 100 pounds in any 12 consecutive month period,
- (e) Bindery / rotary / in-line trimmers and press edge slitting, exhausts to baghouse that vents indoors.

This operating permit was originally issued on October 26, 1999.

This operating permit was renewed on November 5, 2010.

This operating permit was revised on January 5, 2011, for a change of ownership from Haddon Craftsmen to RR Donnelley & Sons.



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