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**SECTION A. Site Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
032	UNIT HEATERS & AIR MAKE-UP UNITS		
033	#1 PAPER MACHINE BOILER		
034	#2 PAPER MACHINE BOILER		
035	#3 PAPER MACHINE BOILER		
036	#3 PAPER MACHINE UNIT HEATERS & AIR MAKE-UP UNITS		
P101	#1 PAPER MACHINE WET-END		
P102	#1 PAPER MACHINE DRYERS		
P103	#1 PAPER MACHINE GLUE CONTAINMENT AREA		
P105	#1 PAPER MACHINE DRY-END		
P106	#1 PAPER MACHINE DAF CLARIFIER		
P108	ADHESIVE OPERATION		
P109	PRINTING OPERATION		
P110	WASTEWATER TREATMENT OPERATION		
P111	STORAGE TANKS		
P112	DIESEL FIRE PUMP		
P201	#2 PAPER MACHINE WET-END		
P202	#2 PAPER MACHINE DRYERS		
P203	#2 PAPER MACHINE GLUE CONTAINMENT AREA		
P205	#2 PAPER MACHINE DRY-END		
P206	#2 PAPER MACHINE DAF CLARIFIER		
P301	#3 PAPER MACHINE WET-END		
P302	#3 PAPER MACHINE WET-END DRYER/GLUE CONTAINMENT AREA		
P303	#3 PAPER MACHINE DRY-END DRYER		
P304	#3 PAPER MACHINE DRY-END		
P305	#3 PAPER MACHINE DAF CLARIFIER		
P306	#3 PAPER MACHINE CONVERTING AREA		
P307	#3 PAPER MACHINE STORAGE TANKS		
C101	WET-END CYCLONE		
C105	DRY-END SCRUBBER		
C105A	DRY-END SCRUBBER		
C201	WET-END CYCLONE		
C205	DRY-END SCRUBBER		
C205A	DRY-END SCRUBBER		
C301	WET-END CYCLONE		
C304A	DRY-END SCRUBBER		
C304B	DRY-END SCRUBBER		
C306	CONVERTING AREA SCRUBBER		
FM01	NATURAL GAS		
FM02	PROPANE		

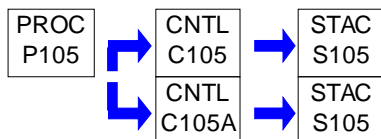
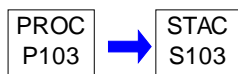
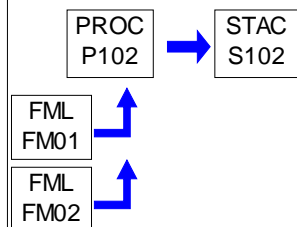
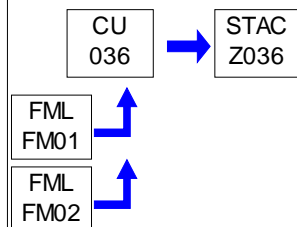
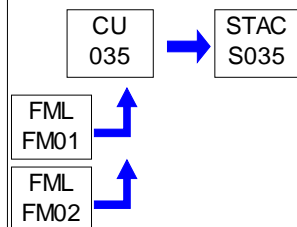
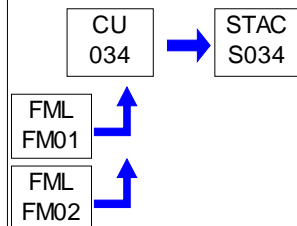
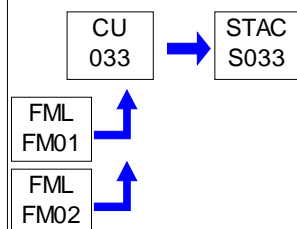
**SECTION A. Site Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
FM03	DIESEL FUEL		
S033	BOILER STACK		
S034	BOILER STACK		
S035	BOILER STACK		
S101	WET-END STACK		
S102	DRYER STACK		
S103	GLUE CONTAINMENT STACK		
S105	DRY-END STACK		
S112	DIESEL ENGINE STACK		
S201	WET-END STACK		
S202	DRYER STACK		
S203	GLUE CONTAINMENT STACK		
S205	DRY-END STACK		
S301	WET-END STACK		
S302A	WET-END DRYER STACK		
S302B	GLUE CONTAINMENT STACK		
S303	DRY-END DRYER STACK		
S306	CONVERTING AREA STACK		
Z032	FUGITIVE COMBUSTION EMISSIONS		
Z036	FUGITIVE COMBUSTION EMISSIONS		
Z106	FUGITIVE VOCS		
Z108	FUGITIVE VOCS		
Z109	FUGITIVE VOCS		
Z110	FUGITIVE VOCS		
Z111	FUGITIVE VOCS		
Z206	FUGITIVE VOCS		
Z305	FUGITIVE VOCS		
Z306	FUGITIVE VOCS		
Z307	FUGITIVE VOCS		

**PERMIT MAPS**

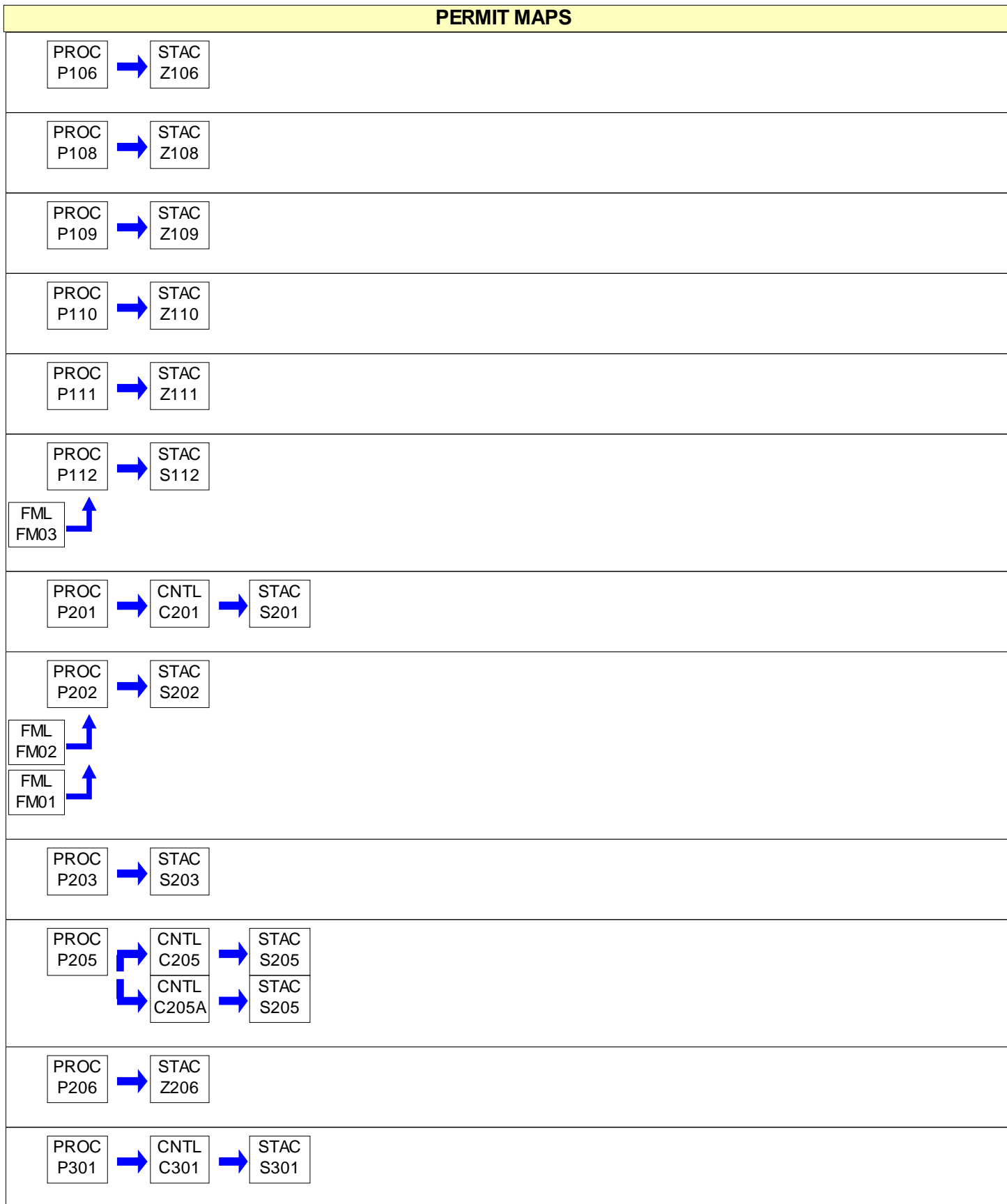


## PERMIT MAPS



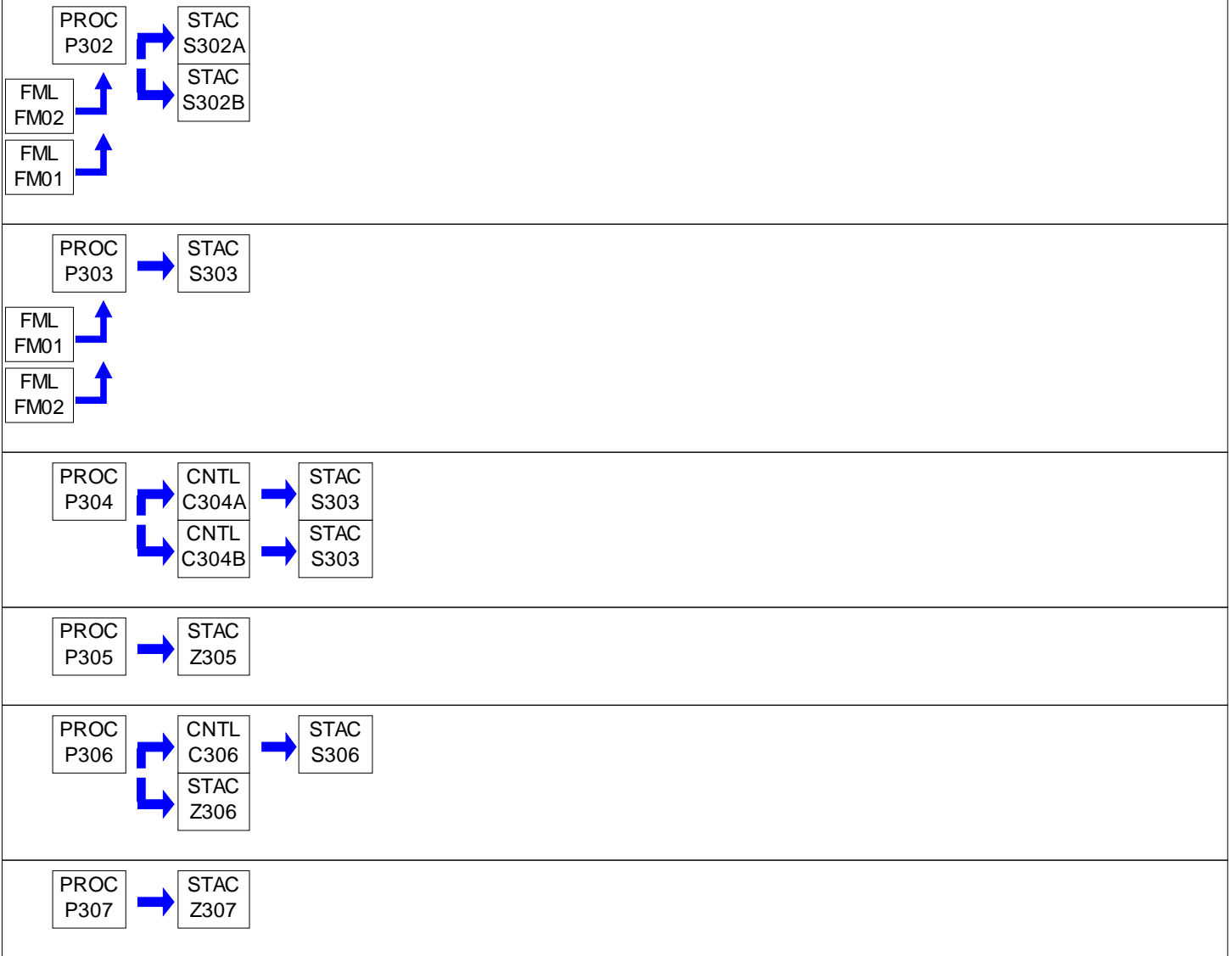


## PERMIT MAPS





### PERMIT MAPS





**SECTION B. General Title V 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 25 Pa. Code § 121.1.

**#002 [25 Pa. Code § 121.7]****Prohibition of Air Pollution**

No person may permit air pollution as that term is defined in the act.

**#003 [25 Pa. Code § 127.512(c)(4)]****Property Rights**

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

**#004 [25 Pa. Code § 127.446(a) and (c)]****Permit Expiration**

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. The terms and conditions of the expired permit shall automatically continue pending issuance of a new Title V 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. 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.

**#005 [25 Pa. Code §§ 127.412, 127.413, 127.414, 127.446(e), 127.503 & 127.704(b)]****Permit Renewal**

(a) An application for the renewal of the Title V permit shall be submitted to the Department at least six (6) months, and not more than 18 months, before the expiration date of this permit. The renewal application is timely if a complete application is submitted to the Department's Regional Air Manager within the timeframe specified in this permit condition.

(b) The application for permit renewal shall include the current permit number, the appropriate permit renewal fee, a description of any permit revisions and off-permit changes that occurred during the permit term, and any applicable requirements that were promulgated and not incorporated into the permit during the permit term. The fees shall be made payable to "The Commonwealth of Pennsylvania Clean Air Fund" and submitted with the fee form to the respective regional office.

(c) 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. The application for renewal of the Title V permit shall also include submission of compliance review forms which have been used by the permittee to update information submitted in accordance with either 25 Pa. Code § 127.412(b) or § 127.412(j).

(d) 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 during the permit renewal process. The permittee shall also promptly provide additional information as necessary to address any requirements that become applicable to the source after the date a complete renewal application was submitted but prior to release of a draft permit.

**#006 [25 Pa. Code §§ 127.450(a)(4) & 127.464(a)]****Transfer of Ownership or Operational Control**

(a) In accordance with 25 Pa. Code § 127.450(a)(4), a change in ownership or operational control of the source shall be treated as an administrative amendment if:

(1) The Department determines that no other change in the permit is necessary;

(2) 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,

(3) A compliance review form has been submitted to the Department and the permit transfer has been approved by

**SECTION B. General Title V Requirements**

the Department.

(b) In accordance with 25 Pa. Code § 127.464(a), this permit may not be transferred to another person except in cases of transfer-of-ownership which are documented and approved to the satisfaction of the Department.

**#007 [25 Pa. Code § 127.513, 35 P.S. § 4008 and § 114 of the CAA]****Inspection and Entry**

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

- (1) Enter at reasonable times upon the permittee's premises where a Title V 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 or remove, at reasonable times, records that are kept under the conditions of this permit;
- (3) Inspect at reasonable times, 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, 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.

(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.

**#008 [25 Pa. Code §§ 127.25, 127.444, & 127.512(c)(1)]****Compliance Requirements**

(a) The permittee shall comply with the conditions of this permit. Noncompliance with this permit constitutes a violation of the Clean Air Act and the Air Pollution Control Act and is grounds for one (1) 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 to the source are 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 Title V permit.

**#009 [25 Pa. Code § 127.512(c)(2)]****Need to Halt or Reduce Activity Not a Defense**

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

**SECTION B. General Title V Requirements****#010 [25 Pa. Code §§ 127.411(d) & 127.512(c)(5)]****Duty to Provide Information**

(a) The permittee shall furnish to the Department, within a reasonable time, information that the Department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit, or to determine compliance with the permit.

(b) Upon request, the permittee shall also furnish to the Department copies of records that the permittee is required to keep by this permit, or for information claimed to be confidential, the permittee may furnish such records directly to the Administrator of EPA along with a claim of confidentiality.

**#011 [25 Pa. Code §§ 127.463, 127.512(c)(3) & 127.542]****Reopening and Revising the Title V Permit for Cause**

(a) This Title V permit may be modified, revoked, reopened and reissued or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay a permit condition.

(b) This permit may be reopened, revised and reissued prior to expiration of the permit under one or more of the following circumstances:

(1) Additional applicable requirements under the Clean Air Act or the Air Pollution Control Act become applicable to a Title V facility with a remaining permit term of three (3) or more years prior to the expiration date of this permit. The Department will revise the permit as expeditiously as practicable but not later than 18 months after promulgation of the applicable standards or regulations. No such revision is required if the effective date of the requirement is later than the expiration date of this permit, unless the original permit or its terms and conditions has been extended.

(2) Additional requirements, including excess emissions requirements, become applicable to an affected source under the acid rain program. Upon approval by the Administrator of EPA, excess emissions offset plans for an affected source shall be incorporated into the permit.

(3) The Department or the EPA determines that this permit contains a material mistake or inaccurate statements were made in establishing the emissions standards or other terms or conditions of this permit.

(4) The Department or the Administrator of EPA determines that the permit must be revised or revoked to assure compliance with the applicable requirements.

(c) Proceedings to revise this permit shall follow the same procedures which apply to initial permit issuance and shall affect only those parts of this permit for which cause to revise exists. The revision shall be made as expeditiously as practicable.

(d) Regardless of whether a revision is made in accordance with (b)(1) above, the permittee shall meet the applicable standards or regulations promulgated under the Clean Air Act within the time frame required by standards or regulations.

**#012 [25 Pa. Code § 127.543]****Reopening a Title V Permit for Cause by EPA**

As required by the Clean Air Act and regulations adopted thereunder, this permit may be modified, reopened and reissued, revoked or terminated for cause by EPA in accordance with procedures specified in 25 Pa. Code § 127.543.

**#013 [25 Pa. Code § 127.522(a)]****Operating Permit Application Review by the EPA**

The applicant may be required by the Department to provide a copy of the permit application, including the compliance plan, directly to the Administrator of the EPA. Copies of title V permit applications to EPA, pursuant to 25 PA Code §127.522(a), shall be submitted, if required, to the following EPA e-mail box:

R3\_Air\_Apps\_and\_Notices@epa.gov

Please place the following in the subject line: TV [permit number], [Facility Name].

**SECTION B. General Title V Requirements****#014 [25 Pa. Code § 127.541]****Significant Operating Permit Modifications**

When permit modifications during the term of this permit do not qualify as minor permit modifications or administrative amendments, the permittee shall submit an application for significant Title V permit modifications in accordance with 25 Pa. Code § 127.541. Notifications to EPA, pursuant to 25 PA Code §127.522(a), if required, shall be submitted, to the following EPA e-mail box:

R3\_Air\_Apps\_and\_Notices@epa.gov

Please place the following in the subject line: TV [permit number], [Facility Name].

**#015 [25 Pa. Code §§ 121.1 & 127.462]****Minor Operating Permit Modifications**

The permittee may make minor operating permit modifications (as defined in 25 Pa. Code §121.1), on an expedited basis, in accordance with 25 Pa. Code §127.462 (relating to minor operating permit modifications). Notifications to EPA, pursuant to 25 PA Code §127.462(c), if required, shall be submitted, to the following EPA e-mail box:

R3\_Air\_Apps\_and\_Notices@epa.gov

Please place the following in the subject line: TV [permit number], [Facility Name].

**#016 [25 Pa. Code § 127.450]****Administrative Operating Permit Amendments**

(a) The permittee may request administrative operating permit amendments, as defined in 25 Pa. Code §127.450(a). Copies of request for administrative permit amendment to EPA, pursuant to 25 PA Code §127.450(c)(1), if required, shall be submitted to the following EPA e-mail box:

R3\_Air\_Apps\_and\_Notices@epa.gov

Please place the following in the subject line: TV [permit number], [Facility Name].

(b) Upon final action by the Department granting a request for an administrative operating permit amendment covered under §127.450(a)(5), the permit shield provisions in 25 Pa. Code § 127.516 (relating to permit shield) shall apply to administrative permit amendments incorporated in this Title V Permit in accordance with §127.450(c), unless precluded by the Clean Air Act or the regulations thereunder.

**#017 [25 Pa. Code § 127.512(b)]****Severability Clause**

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

**#018 [25 Pa. Code §§ 127.704, 127.705 & 127.707]****Fee Payment**

(a) The permittee shall pay fees to the Department in accordance with the applicable fee schedules in 25 Pa. Code Chapter 127, Subchapter I (relating to plan approval and operating permit fees). The applicable fees shall be made payable to "The Commonwealth of Pennsylvania Clean Air Fund" with the permit number clearly indicated and submitted to the respective regional office.

(b) Emission Fees. The permittee shall, on or before September 1st of each year, pay applicable annual Title V emission fees for emissions occurring in the previous calendar year as specified in 25 Pa. Code § 127.705. The permittee is not required to pay an emission fee for emissions of more than 4,000 tons of each regulated pollutant emitted from the facility.

(c) As used in this permit condition, the term "regulated pollutant" is defined as a VOC, each pollutant regulated under Sections 111 and 112 of the Clean Air Act and each pollutant for which a National Ambient Air Quality Standard has been promulgated, except that carbon monoxide is excluded.

**SECTION B. General Title V Requirements**

(d) Late Payment. Late payment of emission fees will subject the permittee to the penalties prescribed in 25 Pa. Code § 127.707 and may result in the suspension or termination of the Title V permit. The permittee shall pay a penalty of fifty percent (50%) of the fee amount, plus interest on the fee amount computed in accordance with 26 U.S.C.A. § 6621(a)(2) from the date the emission fee should have been paid in accordance with the time frame specified in 25 Pa. Code § 127.705(c).

(e) The permittee shall pay an annual operating permit maintenance fee according to the following fee schedule established in 25 Pa. Code § 127.704(d) on or before December 31 of each year for the next calendar year.

(1) Eight thousand dollars (\$8,000) for calendar years 2021—2025.

(2) Ten thousand dollars (\$10,000) for calendar years 2026—2030.

(3) Twelve thousand five hundred dollars (\$12,500) for the calendar years beginning with 2031.

**#019 [25 Pa. Code §§ 127.14(b) & 127.449]****Authorization for De Minimis Emission Increases**

(a) This permit authorizes de minimis emission increases from a new or existing source in accordance with 25 Pa. Code §§ 127.14 and 127.449 without the need for a plan approval or prior issuance of a permit modification. The permittee shall provide the Department with seven (7) days prior written notice before commencing any de minimis emissions increase that would result from either: (1) a physical change of minor significance under § 127.14(c)(1); or (2) the construction, installation, modification or reactivation of an air contamination source. 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.

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

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

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

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

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

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

(c) In accordance with § 127.14, the permittee may install the following minor sources without the need for a plan approval:

(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.

**SECTION B. General Title V Requirements**

(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, liquefied petroleum gas 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.

(d) 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 (b)(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 the Air Pollution Control Act, the Clean Air Act, or the regulations promulgated under either of the acts.

(4) Changes which are modifications under any provision of Title I of the Clean Air Act and emission increases which would exceed the allowable emissions level (expressed as a rate of emissions or in terms of total emissions) under the Title V permit.

(e) Unless precluded by the Clean Air Act or the regulations thereunder, the permit shield described in 25 Pa. Code § 127.516 (relating to permit shield) shall extend to the changes made under 25 Pa. Code § 127.449 (relating to de minimis emission increases).

(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 allowed under this permit, 25 Pa. Code § 127.449, or sources and physical changes meeting the requirements of 25 Pa. Code § 127.14, the permittee is prohibited from making physical 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.

**#020 [25 Pa. Code §§ 127.11a & 127.215]****Reactivation of Sources**

(a) The permittee may reactivate a source at the facility that has been out of operation or production for at least one year, but less than or equal to five (5) years, if the source is reactivated in accordance with the requirements of 25 Pa. Code §§ 127.11a and 127.215. The reactivated source will not be considered a new source.

(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).

**#021 [25 Pa. Code §§ 121.9 & 127.216]****Circumvention**

(a) The owner of this Title V facility, or any other person, may not circumvent the new source review requirements of 25 Pa. Code Chapter 127, Subchapter E by causing or allowing a pattern of ownership or development, including the

**SECTION B. General Title V Requirements**

phasing, staging, delaying or engaging in incremental construction, over a geographic area of a facility which, except for the pattern of ownership or development, would otherwise require a permit or submission of a plan approval application.

(b) 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 this permit, the Air Pollution Control Act or the regulations promulgated thereunder, except that with prior approval of the Department, the device or technique may be used for control of malodors.

**#022 [25 Pa. Code §§ 127.402(d) & 127.513(1)]****Submissions**

(a) 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 on the permit transmittal letter, or otherwise notified)

(b) Any report or notification for the EPA Administrator or EPA Region III should be addressed to:

Enforcement & Compliance Assurance Division  
Air, RCRA and Toxics Branch (3ED21)  
Four Penn Center  
1600 John F. Kennedy Boulevard  
Philadelphia, PA 19103-2852

The Title V compliance certification shall be emailed to EPA at R3\_APD\_Permits@epa.gov.

(c) An application, form, report or compliance certification submitted pursuant to this permit condition shall contain certification by a responsible official as to truth, accuracy, and completeness as required under 25 Pa. Code § 127.402(d). Unless otherwise required by the Clean Air Act or regulations adopted thereunder, this certification and any other certification required pursuant to this permit shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate and complete.

**#023 [25 Pa. Code §§ 127.441(c) & 127.463(e); Chapter 139; & 114(a)(3), 504(b) of the CAA]****Sampling, Testing and Monitoring Procedures**

(a) The permittee shall perform the emissions monitoring and analysis procedures or test methods for applicable requirements of this Title V permit. In addition to the sampling, testing and monitoring procedures specified in this permit, the Permittee shall comply with any additional applicable requirements promulgated under the Clean Air Act after permit issuance regardless of whether the permit is revised.

(b) The sampling, testing and monitoring required under the applicable requirements of this permit, shall be conducted in accordance with the requirements of 25 Pa. Code Chapter 139 unless alternative methodology is required by the Clean Air Act (including §§ 114(a)(3) and 504(b)) and regulations adopted thereunder.

**#024 [25 Pa. Code §§ 127.511 & Chapter 135]****Recordkeeping Requirements**

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

- (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.

**SECTION B. General Title V Requirements**

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

(c) The permittee shall maintain and make available to the Department upon request, records including computerized records that may be necessary to comply with the reporting, recordkeeping and emission statement requirements in 25 Pa. Code Chapter 135 (relating to reporting of sources). In accordance with 25 Pa. Code Chapter 135, § 135.5, such records may include records of production, fuel usage, maintenance of production or pollution control equipment or other information determined by the Department to be necessary for identification and quantification of potential and actual air contaminant emissions. If direct recordkeeping is not possible or practical, sufficient records shall be kept to provide the needed information by indirect means.

**#025 [25 Pa. Code §§ 127.411(d), 127.442, 127.463(e) & 127.511(c)]****Reporting Requirements**

(a) The permittee shall comply with the reporting requirements for the applicable requirements specified in this Title V permit. In addition to the reporting requirements specified herein, the permittee shall comply with any additional applicable reporting requirements promulgated under the Clean Air Act after permit issuance regardless of whether the permit is revised.

(b) Pursuant to 25 Pa. Code § 127.511(c), the permittee shall submit reports of required monitoring at least every six (6) months unless otherwise specified in this permit. Instances of deviations (as defined in 25 Pa. Code § 121.1) from permit requirements shall be clearly identified in the reports. The reporting of deviations shall include the probable cause of the deviations and corrective actions or preventative measures taken, except that sources with continuous emission monitoring systems shall report according to the protocol established and approved by the Department for the source. The required reports shall be certified by a responsible official.

(c) Every report submitted to the Department under this permit condition shall comply with the submission procedures specified in Section B, Condition #022(c) of this permit.

(d) Any records, reports or information obtained by the Department or referred to in a public hearing shall be made available to the public by the Department except for such records, reports or information for which the permittee has shown cause that the documents should be considered confidential and protected from disclosure to the public under Section 4013.2 of the Air Pollution Control Act and consistent with Sections 112(d) and 114(c) of the Clean Air Act and 25 Pa. Code § 127.411(d). The permittee may not request a claim of confidentiality for any emissions data generated for the Title V facility.

**#026 [25 Pa. Code § 127.513]****Compliance Certification**

(a) One year after the date of issuance of the Title V permit, and each year thereafter, unless specified elsewhere in the permit, the permittee shall submit to the Department and EPA Region III a certificate of compliance with the terms and conditions in this permit, for the previous year, including the emission limitations, standards or work practices. This certification shall include:

- (1) The identification of each term or condition of the permit that is the basis of the certification.
- (2) The compliance status.
- (3) The methods used for determining the compliance status of the source, currently and over the reporting period.
- (4) Whether compliance was continuous or intermittent.

(b) The compliance certification shall be postmarked or hand-delivered no later than thirty days after each anniversary of the date of issuance of this Title V Operating Permit, or on the submittal date specified elsewhere in the permit, to the Department in accordance with the submission requirements specified in Section B, Condition #022 of this permit. The Title V compliance certification shall be emailed to EPA at R3\_APD\_Permits@epa.gov.



**SECTION B. General Title V Requirements****#027 [25 Pa. Code § 127.3]****Operational Flexibility**

The permittee is authorized to make changes within the Title V facility in accordance with the following provisions in 25 Pa. Code Chapter 127 which implement the operational flexibility requirements of Section 502(b)(10) of the Clean Air Act and Section 6.1(i) of the Air Pollution Control Act:

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

**#028 [25 Pa. Code §§ 127.441(d), 127.512(i) and 40 CFR Part 68]****Risk Management**

(a) If required by Section 112(r) of the Clean Air Act, the permittee shall develop and implement an accidental release program consistent with requirements of the Clean Air Act, 40 CFR Part 68 (relating to chemical accident prevention provisions) and the Federal Chemical Safety Information, Site Security and Fuels Regulatory Relief Act (P.L. 106-40).

(b) The permittee shall prepare and implement a Risk Management Plan (RMP) which meets the requirements of Section 112(r) of the Clean Air Act, 40 CFR Part 68 and the Federal Chemical Safety Information, Site Security and Fuels Regulatory Relief Act when a regulated substance listed in 40 CFR § 68.130 is present in a process in more than the listed threshold quantity at the Title V facility. The permittee shall submit the RMP to the federal Environmental Protection Agency according to the following schedule and requirements:

- (1) The permittee shall submit the first RMP to a central point specified by EPA no later than the latest of the following:
  - (i) Three years after the date on which a regulated substance is first listed under § 68.130; or,
  - (ii) The date on which a regulated substance is first present above a threshold quantity in a process.

(2) The permittee shall submit any additional relevant information requested by the Department or EPA concerning the RMP and shall make subsequent submissions of RMPs in accordance with 40 CFR § 68.190.

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

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

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

- (1) Submit a compliance schedule for satisfying the requirements of 40 CFR Part 68 by the date specified in 40 CFR § 68.10(a); or,
- (2) Certify that the Title V facility is in compliance with all requirements of 40 CFR Part 68 including the registration and submission of the RMP.

**SECTION B. General Title V Requirements**

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

(f) When the Title V facility is subject to the accidental release program requirements of Section 112(r) of the Clean Air Act and 40 CFR Part 68, appropriate enforcement action will be taken by the Department if:

(1) The permittee fails to register and submit the RMP or a revised plan pursuant to 40 CFR Part 68.

(2) The permittee fails to submit a compliance schedule or include a statement in the compliance certification required under Section B, Condition #026 of this permit that the Title V facility is in compliance with the requirements of Section 112(r) of the Clean Air Act, 40 CFR Part 68, and 25 Pa. Code § 127.512(i).

**#029 [25 Pa. Code § 127.512(e)]****Approved Economic Incentives and Emission Trading Programs**

No permit revision shall be required under approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes that are provided for in this Title V permit.

**#030 [25 Pa. Code §§ 127.516, 127.450(d), 127.449(f) & 127.462(g)]****Permit Shield**

(a) The permittee's compliance with the conditions of this permit shall be deemed in compliance with applicable requirements (as defined in 25 Pa. Code § 121.1) as of the date of permit issuance if either of the following applies:

(1) The applicable requirements are included and are specifically identified in this permit.

(2) The Department specifically identifies in the permit other requirements that are not applicable to the permitted facility or source.

(b) Nothing in 25 Pa. Code § 127.516 or the Title V permit shall alter or affect the following:

(1) The provisions of Section 303 of the Clean Air Act, including the authority of the Administrator of the EPA provided thereunder.

(2) The liability of the permittee for a violation of an applicable requirement prior to the time of permit issuance.

(3) The applicable requirements of the acid rain program, consistent with Section 408(a) of the Clean Air Act.

(4) The ability of the EPA to obtain information from the permittee under Section 114 of the Clean Air Act.

(c) Unless precluded by the Clean Air Act or regulations thereunder, final action by the Department incorporating a significant permit modification in this Title V Permit shall be covered by the permit shield at the time that the permit containing the significant modification is issued.

**#031 [25 Pa. Code §135.3]****Reporting**

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

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

**#032 [25 Pa. Code §135.4]****Report Format**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

[Additional authority for the permit condition is derived from 25 Pa. Code Sections 127.1, 127.12, 127.201 through 127.218 and 129.99]

- (1) The total combined emission of volatile organic compounds from paper machine #1, comprised of Source P101, Source P102, Source P103 and P106, shall not exceed 56.53 tons in any 12 consecutive month period.
- (2) The total combined emission of volatile organic compounds from paper machine #2, comprised of Source P201, Source P202, Source P203 and P206, shall not exceed 56.53 tons in any 12 consecutive month period.
- (3) The total combined emission of volatile organic compounds from paper machine #1 and paper machine #2 shall not exceed 90.55 tons in any 12 consecutive month period.

**SECTION C. Site Level Requirements****# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

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

The total combined emission of hazardous air pollutants resulting from the use of paper additives in paper machines #1 and #2 shall not exceed 2.24 tons in any 12 consecutive month period.

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

The emission of volatile organic compounds resulting from the application of topical lotion to tissue paper in the facility's converting area for paper machines #1 and #2 shall not exceed 1.97 tons in any 12 consecutive month period.

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

[Additional authority for the permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12 and 127.201 through 127.218]

Paper machine #1 and paper machine #2 shall each not be operated more than 8,520 hours in any 12 consecutive month period.

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

- (a) Pursuant to 25 Pa. Code § 139.3, at least 90 calendar days prior to commencing a EPA reference method testing program, a test protocol shall be submitted to the Department for review and approval. The test protocol shall meet all applicable requirements specified in the most current version of the Department's Source Testing Manual.
- (b) Pursuant to 25 Pa. Code § 139.3, at least 15 calendar days prior to commencing an emission testing program, notification as to the date and time of testing shall be given to the appropriate Regional Office. Notification shall also be sent to the Division of Source Testing and Monitoring. Notification shall not be made without prior receipt of a protocol acceptance letter from the Department.
- (c) Pursuant to 40 CFR § 60.8(a), 40 CFR § 61.13(f) and 40 CFR § 63.7(g), complete test reports shall be submitted to the Department no later than 60 calendar days after completion of the on-site testing portion of an EPA reference method test program.
- (d) Pursuant to 25 Pa. Code § 139.53(b) a complete test report shall include a summary of the emission results on the first page of the report indicating if each pollutant measured is within permitted limits and a statement of compliance or noncompliance with all applicable permit conditions. The summary results will include, at a minimum, the following information:
1. A statement that the owner or operator has reviewed the report from the emissions testing body and agrees with the findings.
  2. Permit number(s) and condition(s) which are the basis for the evaluation.
  3. Summary of results with respect to each applicable permit condition.
  4. Statement of compliance or non-compliance with each applicable permit condition.
- (e) Pursuant to 25 Pa. Code § 139.3, all submittals shall meet all applicable requirements specified in the most current version of the Department's Source Testing Manual.
- (f) All testing shall be performed in accordance with the provisions of Chapter 139 of the Rules and Regulations of the Department of Environmental Protection.
- (g) Pursuant to 25 Pa. Code § § 139.53(a)(1) and 139.53(a)(3), electronic copies of all submittals, besides notifications, shall be sent to the Northcentral Regional Office Air Quality Program Manager, with deadlines verified. In addition, an

**SECTION C. Site Level Requirements**

electronic copy shall be sent to the PSIMS Administrator in Central Office. Email addresses are provided on the PA DEP website.

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

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

By no later than December 31, 2026, and no later than every five years thereafter (December 31, 2031, December 31, 2036, etc.), but in each case, not more than one year prior to the specified deadline, the permittee shall perform stack testing on Source P101, Source P102 and Source P105 of paper machine #1 to determine the total filterable particulate matter, total filterable PM-10 (particulate matter with an aerodynamic diameter of 10 microns or less) and condensable particulate matter emission rates from each of the respective sources. Additionally, the permittee shall perform stack testing on Source P102 of paper machine #1 to determine the nitrogen oxides (NO<sub>x</sub>, expressed as NO<sub>2</sub>) and carbon monoxide emission rates from the source. Lastly, the permittee shall perform testing on Source P102 and Source P103 of paper machine #1 to determine the volatile organic compound emission rates from each of the respective sources. All testing shall be performed while the source is operating at its normal maximum rate of production.

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

By no later than December 31, 2026, and no later than every five years thereafter (December 31, 2031, December 31, 2036, etc.), but in each case, not more than one year prior to the specified deadline, the permittee shall perform stack testing on Source P201, Source P202 and Source P205 of paper machine #2 to determine the total filterable particulate matter, total filterable PM-10 (particulate matter with an aerodynamic diameter of 10 microns or less) and condensable particulate matter emission rates from each of the respective sources. Additionally, the permittee shall perform stack testing on Source P202 of paper machine #2 to determine the nitrogen oxides (NO<sub>x</sub>, expressed as NO<sub>2</sub>) and carbon monoxide emission rates from the source. Lastly, the permittee shall perform testing on Source P202 and Source P203 of paper machine #2 to determine the volatile organic compound emission rates from each of the respective sources. All testing shall be performed while the source is operating at its normal maximum rate of production.

**# 012 [25 Pa. Code §139.1]****Sampling facilities.**

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

**# 013 [25 Pa. Code §139.11]****General requirements.**

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

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

- (a) A thorough source description, including a description of any air cleaning devices and the flue.
- (b) Process conditions, for example, the charging rate of raw material or rate of production of final product, boiler pressure, oven temperature and other conditions which may effect emissions from the process.
- (c) The location of sampling ports.
- (d) Effluent characteristics, including velocity, temperature, moisture content, gas density (percentage of CO, CO<sub>2</sub>, O<sub>2</sub> and N<sub>2</sub>), static and barometric pressures.
- (e) Sample collection techniques employed, including procedures used, equipment descriptions and data to verify that isokinetic sampling for particulate matter collection occurred and that acceptable test conditions were met.
- (f) Laboratory procedures and results.

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(g) Calculated results.

**III. MONITORING REQUIREMENTS.****# 014 [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.

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

The permittee shall conduct a weekly inspection of the facility during daylight hours while the facility is operating to detect:

- (1) the presence of visible air contaminant emissions.
- (2) the presence of visible fugitive air contaminant emissions.
- (3) the presence of malodorous air contaminant emissions beyond the facility's property boundaries.

All detected visible air contaminant emissions, visible fugitive air contaminant emissions or malodorous air contaminant emissions that have the potential to exceed applicable limits shall be reported to the manager of the facility.

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

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

- (1) The number of hours paper machine #1 is operated each month.
- (2) The number of hours paper machine #2 is operated each month.
- (3) The amount of paper towel and/or tissue paper manufactured by paper machine #1 each month.
- (4) The amount of paper towel and/or tissue paper manufactured by paper machine #2 each month.
- (5) The identity, the amount, the volatile organic compound and hazardous air pollutant content and the vapor pressure of each additive used in paper machine #1 each month to manufacture paper towel and to manufacture tissue paper.
- (6) The identity, the amount, the volatile organic compound and hazardous air pollutant content and the vapor pressure of each additive used in paper machine #2 each month to manufacture paper towel and to manufacture tissue paper.
- (7) The calculations, as well as any background information, used to verify compliance with the volatile organic compound emission limitation established for paper machine #1, comprised of Source P101, Source P102, Source P103 and P106, each month.
- (8) The calculations, as well as any background information, used to verify compliance with the volatile organic compound emission limitation established for paper machine #2, comprised of Source P201, Source P202, Source P203 and P206, each month.
- (9) The calculations, as well as any background information, used to verify compliance with the hazardous air pollutant emission limitation established for paper additive usage each month.
- (10) The calculations, as well as any background information, used to verify compliance with the volatile organic compound emission limitation established for topical lotion usage each month.
- (11) The calculations, as well as any background information, used to verify compliance with the amount of volatile organic compounds added per ton of paper towel manufactured limitation for each month.
- (12) The calculations, as well as any background information, used to verify compliance with the amount of volatile organic compounds added per ton of tissue paper manufactured limitation for each month.
- (13) The calculations, as well as any background information, used to verify compliance with the amount of Wet Strength, Release Aid, Fabric Release and Drainage Aid additives added per ton of paper towel manufactured limitations for each month.
- (14) The calculations, as well as any background information, used to verify compliance with the amount of Wet Strength,

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Release Aid, Fabric Release and Drainage Aid additives added per ton of tissue paper manufactured limitations for each month.

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

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

The permittee shall maintain a logbook of the weekly inspections performed at this facility and shall record all occurrences of observed visible air contaminant emissions, visible fugitive air contaminant emissions and malodorous air contaminant emissions, the name of the company representative observing these occurrences and the date and time of each such occurrence. The permittee shall also record the corrective action(s) taken to abate each recorded deviation or to prevent future occurrences. All records generated pursuant to this condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

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

The permittee shall submit semi-annual reports of the following:

- (1) The number of hours paper machine #1 is operated each month during the respective semi-annual period.
- (2) The number of hours paper machine #2 is operated each month during the respective semi-annual period.
- (3) The amount of paper towel and/or tissue paper manufactured by paper machine #1 each month during the respective semi-annual period.
- (4) The amount of paper towel and/or tissue paper manufactured by paper machine #2 each month during the respective semi-annual period.
- (5) The identity, the amount, the volatile organic compound and hazardous air pollutant content and the vapor pressure of each additive used in paper machine #1 each month to manufacture paper towel and to manufacture tissue paper during the respective semi-annual period.
- (6) The identity, the amount, the volatile organic compound and hazardous air pollutant content and the vapor pressure of each additive used in paper machine #2 each month to manufacture paper towel and to manufacture tissue paper during the respective semi-annual period.
- (7) The calculations, as well as any background information, used to verify compliance with the volatile organic compound emission limitation established for paper machine #1, comprised of Source P101, Source P102, Source P103 and P106, each month during the respective semi-annual period.
- (8) The calculations, as well as any background information, used to verify compliance with the volatile organic compound emission limitation established for paper machine #2, comprised of Source P201, Source P202, Source P203 and P206, each month during the respective semi-annual period.
- (9) The calculations, as well as any background information, used to verify compliance with the hazardous air pollutant emission limitation established for paper additive usage each month during the respective semi-annual period.
- (10) The calculations, as well as any background information, used to verify compliance with the volatile organic compound emission limitation established for topical lotion usage each month during the respective semi-annual period.
- (11) The calculations, as well as any background information, used to verify compliance with the amount of volatile organic compounds added per ton of paper towel manufactured limitation for each month during the respective semi-annual period.
- (12) The calculations, as well as any background information, used to verify compliance with the amount of volatile organic compounds added per ton of tissue paper manufactured limitation for each month during the respective semi-annual period.
- (13) The calculations, as well as any background information, used to verify compliance with the amount of Wet Strength, Release Aid, Fabric Release and Drainage Aid additives added per ton of paper towel manufactured limitations for each month during the respective semi-annual period.
- (14) The calculations, as well as any background information, used to verify compliance with the amount of Wet Strength, Release Aid, Fabric Release and Drainage Aid additives added per ton of tissue paper manufactured limitations for each month during the respective semi-annual period.

The semi-annual reports shall be submitted to the Department by no later than January 31 (for the immediately preceding

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July 1 through December 31 period) and July 31 (for the immediately preceding January 1 through June 30 period).

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

- (1) The permittee shall submit the annual compliance certifications to the Department and EPA Region III, as specified in condition #026 of Section B, General Title V Requirements, no later than September 1 (from July 1 of the previous year through June 30 of the current year).
- (2) The permittee shall submit the semi-annual reports of required monitoring to the Department, as specified in condition #025 of Section B, General Title V Requirements, no later than September 1 (for January 1 through June 30) and March 1 (for July 1 through December 31 of the previous year).

The following email address shall be used to submit the annual compliance certifications and semi-annual reports to the EPA Region III: R3\_APD\_Permits@epa.gov

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

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

**# 021 [25 Pa. Code §127.442]****Reporting requirements.**

Malfunctions, Emergencies or Incidents of Excess Emissions

- (a) The permittee shall report malfunctions, emergencies or incidents of excess emissions to the Department. A malfunction is any sudden, infrequent, and not reasonably preventable failure of air pollution control equipment, process equipment, or a process to operate in a normal or usual manner. An emergency is any situation arising from sudden and reasonably unforeseeable events beyond the control of the owner or operator of a facility which requires immediate corrective action to restore normal operation and which causes the emission source to exceed emissions, due to unavoidable increases in emissions attributable to the situation. An emergency shall not include situations caused by improperly designed equipment, lack of preventive maintenance, careless or improper operation, or operator error.
- (b) When the malfunction, emergency or incident of excess emissions poses an imminent danger to the public health, safety, welfare, or environment, it shall be reported to the Department and the County Emergency Management Agency by telephone within one (1) hour after the discovery of the malfunction, emergency or incident of excess emissions. The owner or operator shall submit a written or emailed report of instances of such malfunctions, emergencies or incidents of excess emissions to the Department within three (3) business days of the telephone report.
- (c) The report shall describe the following:
1. name, permit or authorization number, and location of the facility,
  2. nature and cause of the malfunction, emergency or incident,
  3. date and time when the malfunction, emergency or incident was first observed,
  4. expected duration of excess emissions,
  5. estimated rate of emissions,
  6. corrective actions or preventative measures taken.
- (d) Any malfunction, emergency or incident of excess emissions that is not subject to the notice requirements of paragraph (b) of this condition shall be reported to the Department by telephone within 24 hours (or by 4:00 PM of the next business day, whichever is later) of discovery and in writing or by e-mail within five (5) business days of discovery. The report shall contain the same information required by paragraph (c), and any permit specific malfunction reporting requirements.
- (e) During an emergency an owner or operator may continue to operate the source at their discretion provided they submit justification for continued operation of a source during the emergency and follow all the notification and reporting requirements in accordance with paragraphs (b)-(d), as applicable, including any permit specific malfunction reporting requirements.
- (f) Reports regarding malfunctions, emergencies or incidents of excess emissions shall be submitted to the appropriate



**SECTION C. Site Level Requirements**

DEP Regional Office Air Program Manager.

(g) Any emissions resulting from a malfunction or emergency are to be reported in the annual emissions inventory report.

**# 022 [25 Pa. Code §135.21]****Emission statements**

(1) The permittee shall provide the Department with a statement of each stationary source in a form as prescribed by the Department, showing the actual emissions of oxides of nitrogen and volatile organic compounds (VOCs) from the permitted facility for each reporting period, a description of the method used to calculate the emissions and the time period over which the calculation is based.

(2) The annual emission statements are due by March 1 for the preceding calendar year and shall contain a certification by a company officer or the plant manager that the information contained in the statement is accurate. The Emission Statement shall provide data consistent with requirements and guidance developed by the EPA.

(3) The Department may require more frequent submittals if the Department determines that one or more of the following applies:

(a) A more frequent submission is required by the EPA.

(b) Analysis of the data on a more frequent basis is necessary to implement the requirements of the Air Pollution Control Act.

**VI. WORK PRACTICE REQUIREMENTS.****# 023 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

The permittee shall take all reasonable actions to prevent particulate matter from becoming airborne from any source specified in (1) through (8) in condition #001 herein. These actions shall include, but not 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, 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.

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

[Additional authority for the permit condition is derived from 25 Pa. Code Sections 127.1, 127.12, 127.201 through 127.218 and 129.99]

The maximum amount of wet strength #1, release aid, fabric release and drainage aid additives which may be added to the paper products being manufactured in paper machines #1 and #2 shall not exceed the limitations below. The Department may revise these limitations in response to a request by the permittee which includes justification for a change in application rate and documentation of investigation of alternate materials having a lower potential to emit volatile organic compounds. Prior Department approval is required for higher usage rates than are specified herein.

(1) 25.0 pounds of Wet Strength (active ingredient only) per ton of paper towel; 0.00 pounds of Wet Strength per ton of tissue paper.

(2) 0.562 pounds of Release Aid per ton of paper towel; 1.172 pounds of Release Aid per ton of tissue paper.

(3) 20.0 pounds of Fabric Release per ton of paper towel; 20.0 pounds of Fabric Release per ton of tissue paper.

(4) 0.96 pounds of Drainage Aid per ton of paper towel; 0.96 pounds of Drainage Aid per ton of tissue paper.

Compliance with these limitations shall be based on a calendar month averages.

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

[Additional authority for the permit condition is derived from 25 Pa. Code Sections 127.1, 127.12, 127.201 through 127.218]

**SECTION C. Site Level Requirements**

and 129.99]

The total combined amount of volatile organic compounds which may be added to the manufacturing process through the use of paper additives in paper machines #1 and #2 shall not exceed 3.13 pounds per ton of paper towel manufactured and 0.58 pounds per ton of tissue paper. Compliance with these limitations shall be based on a calendar month average.

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

[Additional authority for the permit condition is derived from 25 Pa. Code Sections 127.1, 127.12, 127.201 through 127.218 and 129.99]

The volatile organic compound content and vapor pressure of each of the paper additives listed below shall not exceed the limitations specified below. The Department may revise these limitations in response to a request by the permittee which includes justification for changes in materials, more accurate quantification of vapor pressure and documentation of investigation of alternate materials potentially emitting less volatile organic compounds. Prior Department approval is required for use of alternate materials containing hazardous air pollutants or materials with a higher volatile organic compound content or higher vapor pressure than is specified herein. Substitution of non-hazardous air pollutant containing materials having a lower potential to emit volatile organic compounds (factoring in both volatile organic compounds content and vapor pressure) may be made without prior Department approval. In such instances notification and supporting documentation must be submitted to the Department within seven days following the substitution.

**Additive – VOC Content / Vapor Pressure**

- (1) Wet Strength #1 - 0.124 pounds per gallon, as applied / 18.000 mmHg
- (2) Dry Strength - 0.080 pounds per gallon, as applied / 0.001 mmHg
- (3) Wet Strength #2 – 0.005 pounds per gallon, as applied / 18.000 mmHg
- (4) Softener/Debonder – 0.165 pounds per gallon, as applied / 0.001 mmHg
- (5) Formation Aid – 0.001 pounds per gallon, as applied / 18.000 mmHg
- (6) Defoamer – 0.010 pounds per gallon, as applied / 0.010 mmHg
- (7) Crepe Adhesive – 0.002 pounds per gallon, as applied / 0.010 mmHg
- (8) Release Aid – 0.092 pounds per gallon, as applied / 0.001 mmHg
- (9) Fabric Release – 2.319 pounds per gallon, as applied / 1.000 mmHg
- (10) Biocide – 0.001 pounds per gallon, as applied / 0.500 mmHg
- (11) Drainage Aid – 2.285 pounds per gallon, as applied / 18.000 mmHg

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

[Additional authority for the permit condition is derived from 25 Pa. Code Sections 127.1, 127.12 and 127.201 through 127.218]

The total combined amount of volatile organic compounds which may be added to the manufacturing process through the use of paper additives in paper machine #3 shall not exceed 1.30 pounds per ton of paper towel manufactured and 0.84 pounds per ton of tissue paper. Compliance with these limitations shall be based on a calendar month average.

**VII. ADDITIONAL REQUIREMENTS.****# 028 [25 Pa. Code §121.7]****Prohibition of air pollution.**

The permittee shall not permit air pollution as that term is defined in the Pennsylvania Air Pollution Control Act (35 P.S. Sections 4001 through 4015).

**# 029 [25 Pa. Code §123.31]****Limitations**

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

**SECTION C. Site Level Requirements****# 030 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for the permit condition is derived from 25 Pa. Code Sections 127.201 through 127.218]

To satisfy the New Source Review requirement that the permittee be in possession of 106.02 tons of nitrogen oxides (NOx) emission reduction credits and 103.13 tons of volatile organic compound emission reduction credits prior to the startup of paper machine #1 and an additional 63.84 tons of nitrogen oxides (NOx) emission reduction credits and 39.12 tons of volatile organic compound emission reduction credits prior to the startup of paper machine #2, 181.00 tons of nitrogen oxides (NOx) emission reduction credits generated by PPL Holtwood LLC, Martic Township, Lancaster County, on April 29, 1999, were transferred to the permittee on October 19, 2004 and 146.00 tons of volatile organic compounds emission reduction credits generated by Alcoa, Inc., South Lebanon Township, Lebanon County, on July 11, 2003, were transferred to the permittee on October 19, 2004. The respective emission reduction credits used to fulfill the nitrogen oxides (NOx) and volatile organic compound emission reduction credit requirements are consequently no longer available for use.

**# 031 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(1) Plan Approval 18-00030D was issued on July 2, 2019 to authorize the transfer and use of 140.25 tons of NOx ERCs from Element Markets, LLC to First Quality Tissue, LLC to meet the offset emissions requirements of 25 Pa. Code Chapter 127.

(2) Element Markets, LLC created the NOx ERCs from the shutdown of sources at the LEDVANCE, LLC (f/k/a Osram Sylvania, Inc.) facility located in Wellsboro Borough, Tioga County. The 140.25 tons of NOx ERCs were generated on September 28, 2016.

(3) These ERCs were used to satisfy offset emissions requirements of Plan Approval 18-00030C in accordance with 25 Pa. Code Sections 127.206 through 127.210, for the NOx and VOC emissions increases from the proposed facility. The permittee has been approved to use NOx ERCs in place of VOC ERCs at a 1:1 ratio to satisfy VOC emission offsetting requirements.

(4) The ERCs are no longer subject to expiration under 25 Pa. Code Section 127.206(f), except as specified in 25 Pa. Code Section 127.206(g). If the NOx ERCs identified in this plan approval are not used and subsequently re-entered into the ERC registry, the applicable 10-year expiration date may not be extended.

(5) First Quality Tissue, LLC will retain 24.75 tons of NOx ERCs for future use or transfer. These ERCs will expire on September 28, 2026.

(6) This approval satisfies the requirements of 25 Pa. Code Chapter 127, Subpart E (relating to new source review) including Sections 127.205(4), 127.208(2), 127.209(c) and 127.210.

**# 032 [25 Pa. Code §129.14]****Open burning operations**

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

**VIII. COMPLIANCE CERTIFICATION.**

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

**IX. COMPLIANCE SCHEDULE.**

No compliance milestones exist.

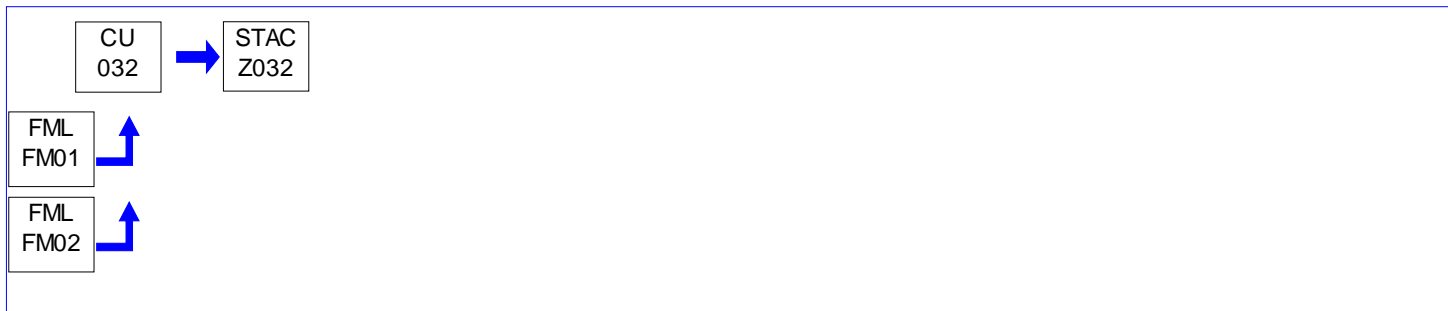
**\*\*\* Permit Shield In Effect \*\*\***

**SECTION D. Source Level Requirements**

Source ID: 032

Source Name: UNIT HEATERS &amp; AIR MAKE-UP UNITS

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.11]****Combustion units**

The permittee shall not permit the emission of particulate matter into the outdoor atmosphere from the ten 9.7 million Btu per hour air make-up units incorporated in Source 032 in excess of 0.40 pound per million Btu of heat input.

**# 002 [25 Pa. Code §123.22]****Combustion units**

The permittee shall not permit the emission of sulfur oxides, expressed as SO<sub>2</sub>, into the outdoor atmosphere from the heaters and air makeup units incorporated in Source 032 in excess of the rate of 4 pounds per million Btu of heat input over any 1-hour period.

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

[Additional authority for the permit condition is derived from 25 Pa. Code Sections 127.1, 127.12 and 127.201 through 127.218]

The total combined emission of air contaminants from the heaters and air makeup units incorporated in Source 032 shall not exceed the following limitations:

- (1) Nitrogen oxides (NO<sub>x</sub>, expressed as NO<sub>2</sub>) - 16.30 tons in any 12 consecutive month period.
- (2) Volatile organic compounds - 0.90 tons in any 12 consecutive month period.

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

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

The total combined emission of air contaminants from the heaters and air makeup units incorporated in Source 032 shall not exceed the following limitations:

- (1) Carbon monoxide - 13.69 tons in any 12 consecutive month period.
- (2) Particulate matter, including particulate matter with an aerodynamic diameter of 10 microns or less - 1.24 tons in any 12 consecutive month period.
- (3) Sulfur oxides (SO<sub>x</sub>, expressed as SO<sub>2</sub>) - 0.10 tons in any 12 consecutive month period.

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

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

The heaters and air makeup units incorporated in Source 032 shall only be fired on natural gas or propane.

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

[Additional authority for the permit condition is derived from 25 Pa. Code Sections 127.1, 127.12 and 127.201 through 127.218]

No more than a combined total of 326.0 million cubic feet of natural gas shall be used to fire the heaters and air makeup units incorporated in Source 032 in any 12 consecutive month period. The permittee may substitute propane for natural gas, however, only on an equivalent Btu basis.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

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

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

- (1) The amount of natural gas and propane used each month to fire the heaters and air makeup units incorporated in Source 032.
- (2) The calculations, as well as any background information, used to verify compliance with the nitrogen oxides (NO<sub>x</sub>, expressed as NO<sub>2</sub>), carbon monoxide, volatile organic compound, particulate matter and sulfur oxides (SO<sub>x</sub>, expressed as SO<sub>2</sub>) emission limitations established for the heaters and air makeup units incorporated in Source 032.

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

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

The permittee shall submit semi-annual reports of the following:

- (1) The amount of natural gas and propane used each month to fire the heaters and air makeup units incorporated in Source 032 during the respective semi-annual period.
- (2) The calculations, as well as any background information, used to verify compliance with the nitrogen oxides (NO<sub>x</sub>, expressed as NO<sub>2</sub>), carbon monoxide, volatile organic compound, particulate matter and sulfur oxides (SO<sub>x</sub>, expressed as SO<sub>2</sub>) emission limitations established for the heaters and air makeup units incorporated in Source 032 during the respective semi-annual period.

The semi-annual reports shall be submitted to the Department by no later than January 31 (for the immediately preceding July 1 through December 31 period) and July 31 (for the immediately preceding January 1 through June 30 period).

**VI. WORK PRACTICE REQUIREMENTS.****# 009 [25 Pa. Code §129.112]****Presumptive RACT requirements, RACT emission limitations and petition for alternative compliance schedule**

The permittee shall maintain and operate the ten 9.7 million Btu per hour air makeup units incorporated in Source 032 in

**SECTION D. Source Level Requirements**

accordance with the manufacturer's specifications and with good operating practices.

**VII. ADDITIONAL REQUIREMENTS.**

**# 010 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

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

Source 032 is comprised of the following heaters and air makeup units:

- (1) One 0.64 million Btu per hour, natural gas/propane-fired Utilities Electrical Room air handler.
- (2) Two 0.13 million Btu per hour, natural gas/propane-fired Raw Material door heaters.
- (3) Thirty 0.2 million Btu per hour, natural gas/propane-fired Raw Material & Finished Goods door heaters.
- (4) Twelve 0.35 million Btu per hour, natural gas/propane-fired Raw Material door heaters.
- (5) Ten 9.7 million Btu per hour, natural gas/propane-fired air make-up units.
- (6) One 0.155 million Btu per hour, natural gas/propane-fired Parent Roll Storage door heater.
- (7) Ten 0.125 million Btu per hour, natural gas/propane-fired Parent Roll Storage unit heaters.
- (8) Seven 0.25 million Btu per hour, natural gas/propane-fired Broke Bailer unit heaters.
- (9) Four 1.5 million Btu per hour, natural gas/propane-fired air rotation units.
- (10) Four 2.2 million Btu per hour, natural gas/propane-fired air rotation units.

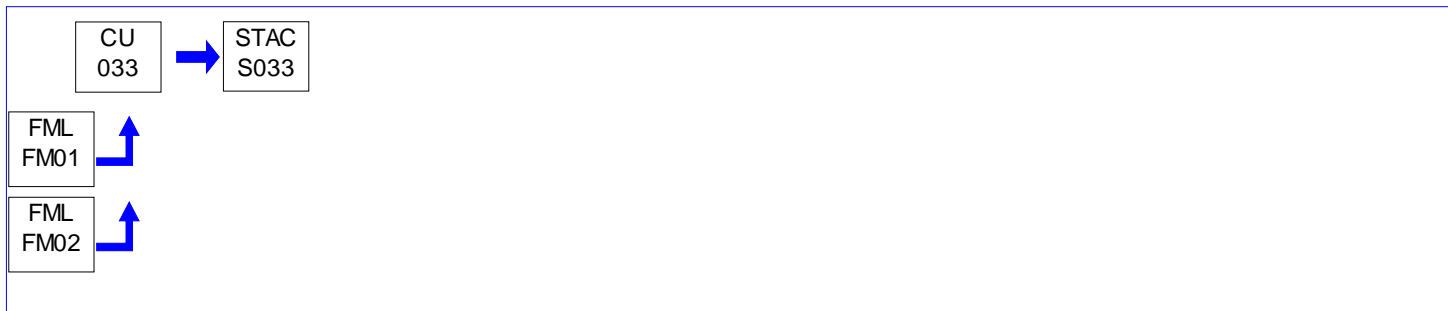
**\*\*\* Permit Shield in Effect. \*\*\***

**SECTION D. Source Level Requirements**

Source ID: 033

Source Name: #1 PAPER MACHINE BOILER

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

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

The particulate matter (including particulate matter with an aerodynamic diameter of 10 microns or less) emissions from Source 033 shall not exceed 0.48 pounds per hour and 2.10 tons in any 12 consecutive month period.

Compliance with this condition also ensures compliance with 25 Pa. Code Section 123.11.

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

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

The sulfur oxides (SO<sub>x</sub>, expressed as SO<sub>2</sub>) emissions from Source 033 shall not exceed 0.04 pounds per hour and 0.19 tons in any 12 consecutive month period.

Compliance with this condition also ensures compliance with 25 Pa. Code Section 123.22.

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

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

The total combined hazardous air pollutant emissions from Source 033 shall not exceed 0.13 pounds per hour and 0.56 tons in any 12 consecutive month period.

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

[Additional authority for the permit condition is derived from 25 Pa. Code Sections 127.1, 127.12 and 127.201 through 127.218]

The nitrogen oxides (NO<sub>x</sub>, expressed as NO<sub>2</sub>) emissions from Source 033 shall not exceed 15 ppmvd @ 3% O<sub>2</sub>, 1.30 pounds per hour and 5.69 tons in any 12 consecutive month period.

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

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

The carbon monoxide emissions from Source 033 shall not exceed 15 ppmvd @ 3% O<sub>2</sub>, 0.80 pounds per hour and 3.50 tons in any 12 consecutive month period.

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

[Additional authority for the permit condition is derived from 25 Pa. Code Sections 127.1, 127.12 and 127.201 through 127.218]

The volatile organic compound emissions from Source 033 shall not exceed 0.34 pounds per hour and 1.49 tons in any 12 consecutive month period.

**# 007 [25 Pa. Code §129.112]****Presumptive RACT requirements, RACT emission limitations and petition for alternative compliance schedule**

The nitrogen oxides (NO<sub>x</sub>, expressed as NO<sub>2</sub>) emissions from Source 033 shall not exceed 0.10 pounds per million Btu of heat input.

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

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

Source 033 shall only be fired on natural gas or propane.

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

By no later than December 31, 2026, and no later than every five years thereafter (December 31, 2031, December 31, 2036, etc.), but in each case, not more than one year prior to the specified deadline, the permittee shall perform nitrogen oxides (NO<sub>x</sub>, expressed as NO<sub>2</sub>), carbon monoxide and volatile organic compound stack testing upon Source 033 using test methods and procedures acceptable to the Department. All testing shall be performed while the source is operating at its normal maximum rate of production.

**III. MONITORING REQUIREMENTS.**

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

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

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

- (1) The number of hours Source 033 is operated each month.
- (2) The calculations, as well as any background information, used to verify compliance with the nitrogen oxides (NO<sub>x</sub>, expressed as NO<sub>2</sub>), carbon monoxide, volatile organic compound, particulate matter and sulfur oxides (SO<sub>x</sub>, expressed as SO<sub>2</sub>) emission limitations established for Source 033.

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

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

The permittee shall submit semi-annual reports of the following:



**SECTION D. Source Level Requirements**

- (1) The number of hours Source 033 is operated each month during the respective semi-annual period.
- (2) The calculations, as well as any background information, used to verify compliance with the nitrogen oxides (NO<sub>x</sub>, expressed as NO<sub>2</sub>), carbon monoxide, volatile organic compound, particulate matter and sulfur oxides (SO<sub>x</sub>, expressed as SO<sub>2</sub>) emission limitations established for Source 033 during the respective semi-annual period.

The semi-annual reports shall be submitted to the Department by no later than January 31 (for the immediately preceding July 1 through December 31 period) and July 31 (for the immediately preceding January 1 through June 30 period).

**# 012 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.48c]  
Subpart Dc - Standards of Performance for Small Industrial- Commercial-Institutional Steam Generating Units  
Reporting and recordkeeping requirements.**

The submission of all requests, reports, applications submittals and other communications required by Subpart Dc of the federal Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units, 40 CFR 60.40c through 60.48c, or required by any other applicable section specified in the federal Standards of Performance, must be made to both the Department of Environmental Protection and the Environmental Protection Agency. The copies may be sent to:

Associate Director  
Office of Air Enforcement and Compliance Assistance, 3AP20  
U.S. Environmental Protection Agency, Region III  
1650 Arch Street  
Philadelphia, PA 19107

and

Pennsylvania Department of Environmental Protection  
Air Quality Program Manager  
208 W. Third Street, Suite 101  
Williamsport, PA 17701-6448

**VI. WORK PRACTICE REQUIREMENTS.**

**# 013 [25 Pa. Code §129.112]  
Presumptive RACT requirements, RACT emission limitations and petition for alternative compliance schedule**

The permittee shall maintain and operate Source 033 in accordance with the manufacturer's specifications and with good operating practices.

**VII. ADDITIONAL REQUIREMENTS.**

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

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

Source 033 is a 68 million Btu per hour, natural gas/propane-fired Babcock Wilcox model FM 10-79 boiler which incorporates a low nitrogen oxides (low NO<sub>x</sub>) burner and flue gas recirculation.

**# 015 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.40c]  
Subpart Dc - Standards of Performance for Small Industrial- Commercial-Institutional Steam Generating Units  
Applicability and delegation of authority.**

Source 033 is subject to Subpart Dc of the federal Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units. The permittee shall comply with all applicable requirements specified in 40 CFR Sections 60.40c through 60.48c.

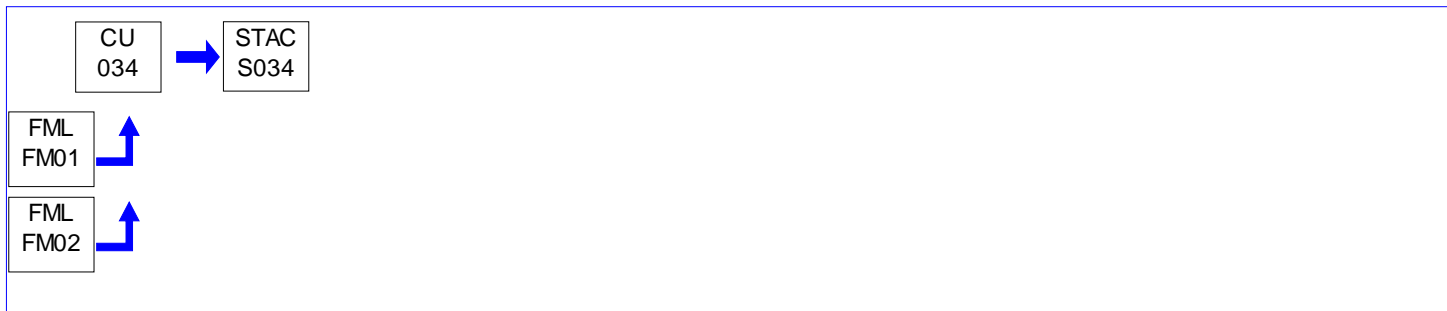
**\*\*\* Permit Shield in Effect. \*\*\***

**SECTION D. Source Level Requirements**

Source ID: 034

Source Name: #2 PAPER MACHINE BOILER

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for the permit condition is derived from 25 Pa. Code Sections 127.1, 127.12 and 127.201 through 127.218]

The nitrogen oxides (NO<sub>x</sub>, expressed as NO<sub>2</sub>) emissions from Source 034 shall not exceed 15 ppmvd @ 3% O<sub>2</sub>, 1.30 pounds per hour and 5.69 tons in any 12 consecutive month period.

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

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

The carbon monoxide emissions from Source 034 shall not exceed 15 ppmvd @ 3% O<sub>2</sub>, 0.80 pounds per hour and 3.50 tons in any 12 consecutive month period.

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

[Additional authority for the permit condition is derived from 25 Pa. Code Sections 127.1, 127.12 and 127.201 through 127.218]

The volatile organic compound emissions from Source 034 shall not exceed 0.34 pounds per hour and 1.49 tons in any 12 consecutive month period.

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

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

The particulate matter (including particulate matter with an aerodynamic diameter of 10 microns or less) emissions from Source 034 shall not exceed 0.48 pounds per hour and 2.10 tons in any 12 consecutive month period.

Compliance with this condition also ensures compliance with 25 Pa. Code Section 123.11.

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

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

The sulfur oxides (SO<sub>x</sub>, expressed as SO<sub>2</sub>) emissions from Source 034 shall not exceed 0.04 pounds per hour and 0.19 tons in any 12 consecutive month period.

Compliance with this condition also ensures compliance with 25 Pa. Code Section 123.22.

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

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

The total combined hazardous air pollutant emissions from Source 034 shall not exceed 0.13 pounds per hour and 0.56 tons in any 12 consecutive month period.

**# 007 [25 Pa. Code §129.112]****Presumptive RACT requirements, RACT emission limitations and petition for alternative compliance schedule**

The nitrogen oxides (NO<sub>x</sub>, expressed as NO<sub>2</sub>) emissions from Source 034 shall not exceed 0.10 pounds per million Btu of heat input.

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

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

Source 034 shall only be fired on natural gas or propane.

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

By no later than December 31, 2026, and no later than every five years thereafter (December 31, 2031, December 31, 2036, etc.), but in each case, not more than one year prior to the specified deadline, the permittee shall perform nitrogen oxides (NO<sub>x</sub>, expressed as NO<sub>2</sub>), carbon monoxide and volatile organic compound stack testing upon Source 034 using test methods and procedures acceptable to the Department. All testing shall be performed while the source is operating at its normal maximum rate of production.

**III. MONITORING REQUIREMENTS.**

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

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

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

- (1) The number of hours Source 034 is operated each month.
- (2) The calculations, as well as any background information, used to verify compliance with the nitrogen oxides (NO<sub>x</sub>, expressed as NO<sub>2</sub>), carbon monoxide, volatile organic compound, particulate matter and sulfur oxides (SO<sub>x</sub>, expressed as SO<sub>2</sub>) emission limitations established for Source 034.

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

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

The permittee shall submit semi-annual reports of the following:

- (1) The number of hours Source 034 is operated each month during the respective semi-annual period.

**SECTION D. Source Level Requirements**

(2) The calculations, as well as any background information, used to verify compliance with the nitrogen oxides (NO<sub>x</sub>, expressed as NO<sub>2</sub>), carbon monoxide, volatile organic compound, particulate matter and sulfur oxides (SO<sub>x</sub>, expressed as SO<sub>2</sub>) emission limitations established for Source 034 during the respective semi-annual period.

The semi-annual reports shall be submitted to the Department by no later than January 31 (for the immediately preceding July 1 through December 31 period) and July 31 (for the immediately preceding January 1 through June 30 period).

**# 012 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.48c]  
Subpart Dc - Standards of Performance for Small Industrial- Commercial-Institutional Steam Generating Units  
Reporting and recordkeeping requirements.**

The submission of all requests, reports, applications submittals and other communications required by Subpart Dc of the federal Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units, 40 CFR 60.40c through 60.48c, or required by any other applicable section specified in the federal Standards of Performance, must be made to both the Department of Environmental Protection and the Environmental Protection Agency. The copies may be sent to:

Associate Director  
Office of Air Enforcement and Compliance Assistance, 3AP20  
U.S. Environmental Protection Agency, Region III  
1650 Arch Street  
Philadelphia, PA 19107

and

Pennsylvania Department of Environmental Protection  
Air Quality Program Manager  
208 W. Third Street, Suite 101  
Williamsport, PA 17701-6448

**VI. WORK PRACTICE REQUIREMENTS.**

**# 013 [25 Pa. Code §129.112]  
Presumptive RACT requirements, RACT emission limitations and petition for alternative compliance schedule**

The permittee shall maintain and operate Source 034 in accordance with the manufacturer's specifications and with good operating practices.

**VII. ADDITIONAL REQUIREMENTS.**

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

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

Source 034 is a 68 million Btu per hour, natural gas/propane-fired Babcock Wilcox model FM 10-79 boiler which incorporates a low nitrogen oxides (low NO<sub>x</sub>) burner and flue gas recirculation.

**# 015 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.40c]  
Subpart Dc - Standards of Performance for Small Industrial- Commercial-Institutional Steam Generating Units  
Applicability and delegation of authority.**

Source 034 is subject to Subpart Dc of the federal Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units. The permittee shall comply with all applicable requirements specified in 40 CFR Sections 60.40c through 60.48c.

**\*\*\* Permit Shield in Effect. \*\*\***

**SECTION D. Source Level Requirements**

Source ID: 035

Source Name: #3 PAPER MACHINE BOILER

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.22]****Combustion units**

The permittee shall not permit the emission of sulfur oxides, expressed as SO<sub>2</sub>, into the outdoor atmosphere from Source 035 in excess of the rate of 4 pounds per million Btu of heat input over any 1-hour period.

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

[Additional authority for the permit condition is derived from 25 Pa. Code Sections 127.1, 127.12 and 127.201 through 127.218]

The emission of nitrogen oxides (NO<sub>x</sub>, expressed as NO<sub>2</sub>) from Source 035 shall not exceed 9 ppmvd @ 3% oxygen, 0.011 pounds per million Btu, 0.75 pounds per hour and 3.29 tons in any 12 consecutive month period.

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

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

The emission of carbon monoxide from Source 035 shall not exceed 100 ppmvd @ 3% oxygen, 0.012 pounds per million Btu, 0.80 pounds per hour and 3.50 tons in any 12 consecutive month period.

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

[Additional authority for the permit condition is derived from 25 Pa. Code Sections 127.1, 127.12 and 127.201 through 127.218]

The total combined emission of volatile organic compounds from Source 035 shall not exceed 3 ppmvd @ 3% oxygen, 0.09 pounds per hour and 0.39 tons in any 12 consecutive month period.

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

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

The emission of particulate matter, including PM-10 (particulate matter with an aerodynamic diameter of 10 microns or less), from Source 035 shall not exceed 0.48 pounds per hour and 2.10 tons in any 12 consecutive month period.

Compliance with this permit condition also ensures compliance with 25 Pa. Code Section 123.11.

**SECTION D. Source Level Requirements****Fuel Restriction(s).****# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for the permit condition is derived from 25 Pa. Code Sections 127.1, 127.12 and 127.201 through 127.218]

Source 035 shall only be fired on natural gas or propane.

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

(1) Within 120 days following the commencement of operation of Source 035, stack testing shall be performed on the source to demonstrate compliance with the nitrogen oxides (NO<sub>x</sub>, expressed as NO<sub>2</sub>), carbon monoxide and volatile organic compound emission limitations while the source is operating at its normal maximum rate of capacity.

(2) At least 60 days prior to the performance of any testing required herein, the permittee shall submit three printed copies and an electronic copy in pdf format of a pretest protocol to the Northcentral Regional Air Program Manager for review. This protocol shall describe the test methods and procedures to be used in the performance of testing, and shall include dimensioned sketches of the exhaust system showing the locations of all proposed sampling ports. The protocol shall also identify all process data which will be monitored and recorded during the performance of testing.

(3) At least 10 days prior to the performance of any testing required herein, the permittee shall notify the Department of the actual date(s) and time(s) that testing will occur so that Department personnel can arrange to be present during testing. The Department is under no obligation to accept the results of any testing performed without proper notification having first been given.

**III. MONITORING REQUIREMENTS.**

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

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

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

(1) The number of hours Source 035 is operated each month.

(2) The calculations, as well as any background information, used to verify compliance with the nitrogen oxides (NO<sub>x</sub>, expressed as NO<sub>2</sub>), carbon monoxide, volatile organic compound and particulate matter emission limitations established for Source 035 for each month.

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

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

The submission of all requests, reports, applications submittals and other communications required by Subpart Dc of the federal Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units, 40 CFR Sections 60.40c through 60.48c, or required by any other applicable section specified in the federal Standards of Performance, must be made to both the Department of Environmental Protection and the Environmental Protection Agency. The copies may be sent to:

Associate Director  
Office of Air Enforcement and Compliance Assistance (3AP20)

**SECTION D. Source Level Requirements**

Air Protection Division  
U.S. Environmental Protection Agency, Region III  
1650 Arch Street  
Philadelphia, PA 19103-2029

and

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

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

The permittee shall submit semi-annual reports of the following:

- (1) The number of hours Source 035 is operated each month during the respective semi-annual period.
- (2) The calculations, as well as any background information, used to verify compliance with the nitrogen oxides (NO<sub>x</sub>, expressed as NO<sub>2</sub>), carbon monoxide, volatile organic compound and particulate matter emission limitations established for Source 035 for each month during the respective semi-annual period.

The semi-annual reports shall be submitted to the Department by no later than January 31 (for the immediately preceding July 1 through December 31 period) and July 31 (for the immediately preceding January 1 through June 30 period).

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

Within 60 days following the completion of any testing required herein, the permittee shall submit three copies of a test report to the Department. This test report shall contain the results of the testing, a description of the test methods and procedures actually used, copies of all raw test data with sample calculations and copies of all process data recorded during testing. The results of all testing shall be expressed in units which will allow direct comparisons to the emissions limitations specified herein.

**VI. WORK PRACTICE REQUIREMENTS.**

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

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

[Additional authority for the permit condition is derived from 25 Pa. Code Sections 127.1, 127.12 and 127.201 through 127.218]

Source 035 is a 68 million Btu per hour, natural gas/propane-fired Babcock & Wilcox model FM 10-79 boiler which incorporates a low nitrogen oxides (low NO<sub>x</sub>) burner and flue gas recirculation.

**# 013 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.40c]****Subpart Dc - Standards of Performance for Small Industrial- Commercial-Institutional Steam Generating Units  
Applicability and delegation of authority.**

Source 035 shall comply with all applicable requirements specified in Subpart Dc of the federal Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units, 40 CFR 60.40c through 60.48c.

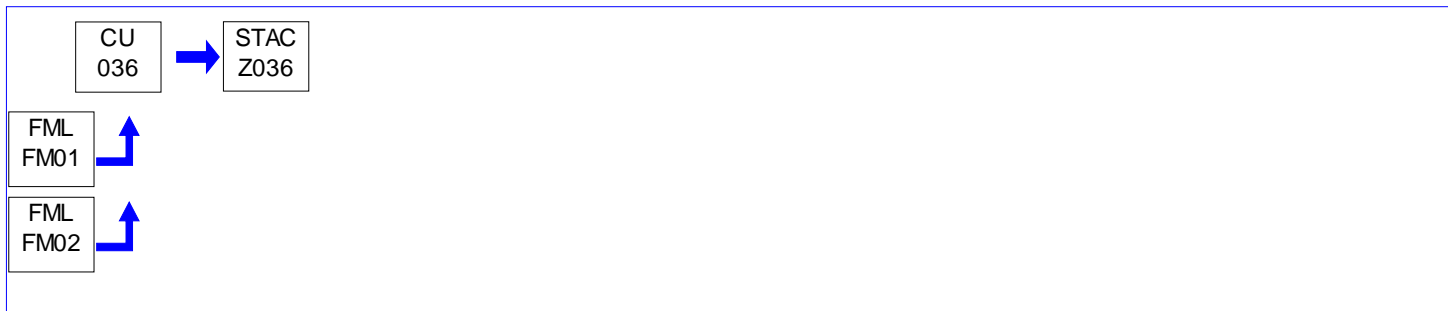
\*\*\* Permit Shield in Effect. \*\*\*

**SECTION D. Source Level Requirements**

Source ID: 036

Source Name: #3 PAPER MACHINE UNIT HEATERS &amp; AIR MAKE-UP UNITS

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.11]****Combustion units**

The permittee shall not permit the emission of particulate matter into the outdoor atmosphere from the five (5) 9.7 million Btu per hour air make-up units incorporated in Source 036 in excess of 0.40 pound per million Btu of heat input.

**# 002 [25 Pa. Code §123.21]****General**

The permittee shall not permit the emission of sulfur oxides, expressed as SO<sub>2</sub>, into the outdoor atmosphere from the combustion units incorporated in Source 036 in excess of the rate of 4 pounds per million Btu of heat input over any 1-hour period.

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

[Additional authority for the permit condition is derived from 25 Pa. Code Sections 127.1, 127.12 and 127.201 through 127.218]

The total combined emission of nitrogen oxides (NO<sub>x</sub>, expressed as NO<sub>2</sub>) and the total combined emission of volatile organic compounds from the combustion units incorporated in Source 036 shall not exceed 10.95 tons and 0.60 tons, respectively, in any 12 consecutive month period.

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

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

The total combined emission of carbon monoxide and the total combined emission of particulate matter/PM-10 (particulate matter with an aerodynamic diameter of 10 microns or less) from the combustion units incorporated in Source 036 shall not exceed 7.80 tons and 0.72 tons, respectively, in any 12 consecutive month period.

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

[Additional authority for the permit condition is derived from 25 Pa. Code Sections 127.1, 127.12 and 127.201 through 127.218]

The air-makeup units and gas unit heaters comprising Source P036 shall only be fired on natural gas or propane.

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

[Additional authority for the permit condition is derived from 25 Pa. Code Sections 127.1, 127.12 and 127.201 through



**SECTION D. Source Level Requirements**

127.218]

No more than a combined total of 223.8 million cubic feet of natural gas shall be used to fire the combustion units incorporated in Source 036 in any 12 consecutive month period. The permittee may substitute propane for natural gas, however, only on an equivalent Btu basis.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

**# 007 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

[Additional authority for the permit condition is derived from 25 Pa. Code Sections 127.1, 127.12 and 127.201 through 127.218]

The natural gas/propane distribution system(s) used to supply natural gas and/or propane to the combustion units incorporated in Source 036 shall be equipped with instrumentation to measure the amount of natural gas and/or propane used to fire the combustion units incorporated in Source 036. The instrumentation shall be used to demonstrate compliance with the fuel usage limitation established herein for Source 036.

**IV. RECORDKEEPING REQUIREMENTS.**

**# 008 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

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

- (1) The amount of natural gas and propane used each month to fire the combustion units incorporated in Source 036.
- (2) The calculations, as well as any background information, used to verify compliance with the nitrogen oxides (NO<sub>x</sub>, expressed as NO<sub>2</sub>), carbon monoxide, volatile organic compound and particulate matter emission limitations established for the combustion units incorporated in Source 036 for each month.

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

**V. REPORTING REQUIREMENTS.**

**# 009 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

The permittee shall submit semi-annual reports of the following:

- (1) The amount of natural gas and propane used each month to fire the combustion units incorporated in Source 036 during the respective semi-annual period.
- (2) The calculations, as well as any background information, used to verify compliance with the nitrogen oxides (NO<sub>x</sub>, expressed as NO<sub>2</sub>), carbon monoxide, volatile organic compound and particulate matter emission limitations established for the combustion units incorporated in Source 036 for each month during the respective semiannual period.

The semi-annual reports shall be submitted to the Department by no later than January 31 (for the immediately preceding July 1 through December 31 period) and July 31 (for the immediately preceding January 1 through June 30 period).

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

[Additional authority for the permit condition is derived from 25 Pa. Code Sections 127.1, 127.12 and 127.201 through 127.218]

The permittee shall maintain and operate combustion units incorporated in Source 036 in accordance with the manufacturer's specifications and with good operating practices.

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

[Additional authority for the permit condition is derived from 25 Pa. Code Sections 127.1, 127.12 and 127.201 through 127.218]

Source 036 is comprised of the following natural gas/propane-fired combustion units:

- (1) Five (5) 9.70 million Btu per hour air-makeup units (machine building)
- (2) One (1) 2.111 million Btu per hour air-makeup unit (boiler & chiller rooms)
- (3) One (1) 0.575 million Btu per hour air-makeup unit (boiler & chiller rooms)
- (4) Two (2) 1.20 million Btu per hour gas unit heaters
- (5) One (1) 1.00 million Btu per hour gas unit heaters
- (6) Nine (9) 0.80 million Btu per hour gas unit heaters
- (7) One (1) 0.50 million Btu per hour gas unit heaters
- (8) Thirty-three (33) 0.40 million Btu per hour gas unit heaters
- (9) Four (4) 0.10 million Btu per hour gas unit heaters
- (10) Two (2) 0.075 million Btu per hour gas unit heaters
- (11) One (1) 0.050 million Btu per hour gas unit heaters

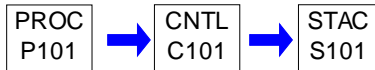
**\*\*\* Permit Shield in Effect. \*\*\***

**SECTION D. Source Level Requirements**

Source ID: P101

Source Name: #1 PAPER MACHINE WET-END

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

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

The emission of total filterable particulate matter from Source P101 shall not exceed 0.0022 grains per dry standard cubic foot and 1.23 pounds per hour while manufacturing paper towel, the emission of total filterable PM-10 (particulate matter with an aerodynamic diameter of 10 microns or less) from Source P101 shall not exceed 0.0021 grains per dry standard cubic foot and 1.17 pounds per hour while manufacturing paper towel and the emission of condensable particulate matter from Source P101 shall not exceed 0.0039 grains per dry standard cubic foot and 2.57 pounds per hour while manufacturing paper towel.

Compliance with this permit condition also ensures compliance with 25 Pa. Code Section 123.13.

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

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

The total emission of particulate matter from Source P101 shall not exceed 26.90 tons in any 12 consecutive month period.

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

The emission of volatile organic compounds from Source P101 shall not equal or exceed 2.70 tons in any 12 consecutive month period.

Compliance with this condition also ensures compliance with 25 Pa. Code Sections 127.1, 127.12 and 127.201 through 127.217.

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

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

The emission of total filterable particulate matter from Source P101 shall not exceed 0.0026 grains per dry standard cubic foot and 2.33 pounds per hour while manufacturing tissue paper, the emission of total filterable PM-10 (particulate matter with an aerodynamic diameter of 10 microns or less) from Source P101 shall not exceed 0.0025 grains per dry standard cubic foot and 2.22 pounds per hour while manufacturing tissue paper and the emission of condensable particulate matter from Source P101 shall not exceed 0.0049 grains per dry standard cubic foot and 3.99 pounds per hour while manufacturing tissue paper.

Compliance with this permit condition also ensures compliance with 25 Pa. Code Section 123.13.

**II. TESTING REQUIREMENTS.**

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

**SECTION D. Source Level Requirements****III. MONITORING REQUIREMENTS.****# 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, as well as 40 CFR Part 64 Section 64.6]

Control Device C101 shall be equipped with instrumentation which continuously monitors the differential pressure across the device.

**IV. RECORDKEEPING REQUIREMENTS.****# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall maintain accurate and comprehensive records of the calculations, as well as any background information, used to verify compliance with the particulate matter emission limitation established for Source P101 each month. All records generated pursuant to this condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

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

[Additional authority for this permit condition is derived from 40 CFR Section 64.9]

Except as noted in 40 CFR Section 64.7(c), instrumentation shall continuously monitor the differential pressure across Control Device C101 any time Source P101 is operating and the permittee shall record the differential pressure across the device at least once per day. Differential pressure recordings of less than 0.7 inches of water, based on a 7 day running average, shall be considered "excursions" for the purposes of Compliance Assurance Monitoring. All records generated pursuant to this condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

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

The permittee shall submit semi-annual reports of the calculations, as well as any background information, used to verify compliance with the particulate matter emission limitation established for Source P101 each month during the respective semi-annual period. The semi-annual reports shall be submitted to the Department by no later than January 31 (for the immediately preceding July 1 through December 31 period) and July 31 (for the immediately preceding January 1 through June 30 period).

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

Pursuant to the compliance assurance monitoring requirements of 40 CFR Sections 64.6 and 64.9, the permittee shall submit the following reports on a semi-annual basis:

- (1) Summary information on the duration and cause (including unknown cause, if applicable) of excursions of the CAM indicators and corrective actions taken.
- (2) Summary information on the duration and cause (including unknown cause, if applicable) for monitor downtime incidents (other than downtime associated with calibration checks).

The semi-annual reports shall be submitted to the Department by no later than January 31 (for the immediately preceding July 1 through December 31 period) and July 31 (for the immediately preceding January 1 through June 30 period).

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

[Additional authority for this permit condition is derived from 40 CFR Part 64 Section 64.6]

**SECTION D. Source Level Requirements**

The differential pressure across the Control Device C101 shall be maintained at a minimum of 0.5 inches of water at all times the control device is in operation.

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

[Additional authority for this permit condition is derived from 40 CFR Section 64.6]

Pursuant to the compliance assurance monitoring requirements of 40 CFR Section 64.6, the permittee shall conduct the monitoring and fulfill the other obligations (i.e., proper monitor maintenance, corrective actions, etc.) specified in 40 CFR Section 64.7. Furthermore, the differential pressure instrumentation associated with Control Device C101 shall be operated and maintained in accordance with the manufacturer's recommended instructions.

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

[Additional authority for this permit condition is derived from 40 CFR Part 64 Section 64.7]

Upon detecting an excursion, as defined in 40 CFR Section 64.1, of the Compliance Assurance Monitoring (CAM) indicator ranges established herein, the permittee shall restore operation of Source P101 and/or Control Device C101 to its normal or usual manner of operation as expeditiously as practicable in accordance with good air pollution control practices for minimizing emissions. The response shall include minimizing the period of any startup, shutdown or malfunction and taking any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of the excursion.

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

[Additional authority for this permit condition is derived from 40 CFR Section 64.8]

(1) The permittee shall develop and implement a Quality Improvement Plan (QIP) as expeditiously as practicable if any of the following occur:

(a) Six (6) excursions occur in a six (6) month reporting period.

(b) The Department determines after review of all reported information that the permittee has not responded acceptably to an excursion.

(2) The QIP should be developed within 60 days and the permittee shall provide a copy of the QIP to the Department.

Furthermore, the permittee shall notify the Department if the period for completing the improvements contained in the QIP exceeds 180 days from the date on which the need to implement the QIP was determined.

(3) The permittee shall record actions taken to implement a QIP during a reporting period and all related actions including, but not limited to, inspections, repairs, and maintenance performed on the Control Device C101.

(4) In accordance with 40 CFR Section 64.8, the QIP shall include procedures for evaluating the control performance problems. Based on the results of the evaluation procedures, the permittee shall modify the QIP and provide the Department with a copy, to include procedures for conducting more frequent, or improved, monitoring in conjunction with one or more of the following:

(a) Improved preventive maintenance practices,

(b) Process operation changes,

(c) Appropriate improvements to the control methods,

(d) Other steps appropriate to correct performance.

(5) Following implementation of a QIP, the Department will require reasonable revisions to the QIP if the plan has failed to either:

(a) Address the cause of the performance problems of Control Device C101.

(b) Provide adequate procedures for correcting the performance problems of Control Device C101 in as expeditiously as practicable in accordance with good air pollution control practices for minimizing emissions.

(6) Implementation of a QIP shall not excuse the permittee from compliance with any existing emission limitation or standard or any existing monitoring, testing, reporting or recordkeeping requirements that may apply under any federal, state, or local laws or any other applicable requirements under the Clean Air Act.

**SECTION D. Source Level Requirements****# 014 [25 Pa. Code §129.112]****Presumptive RACT requirements, RACT emission limitations and petition for alternative compliance schedule**

The permittee shall maintain and operate Source P101 in accordance with the manufacturer's specifications and with good operating practices.

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

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

Source P101 is the wet-end of paper machine #1, the air contaminant emissions from which shall be controlled by a cyclone separator with a diameter, cylinder length and cone length of 11 feet, 11 feet and 18 2/3 feet, respectively (Control Device C101).

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

Source P101 is subject to the monitoring requirements specified in the provisions of 40 CFR Part 64 (Compliance Assurance Monitoring (CAM)). The permittee shall comply with the requirements specified in 40 CFR Sections 64.1 through 64.10.

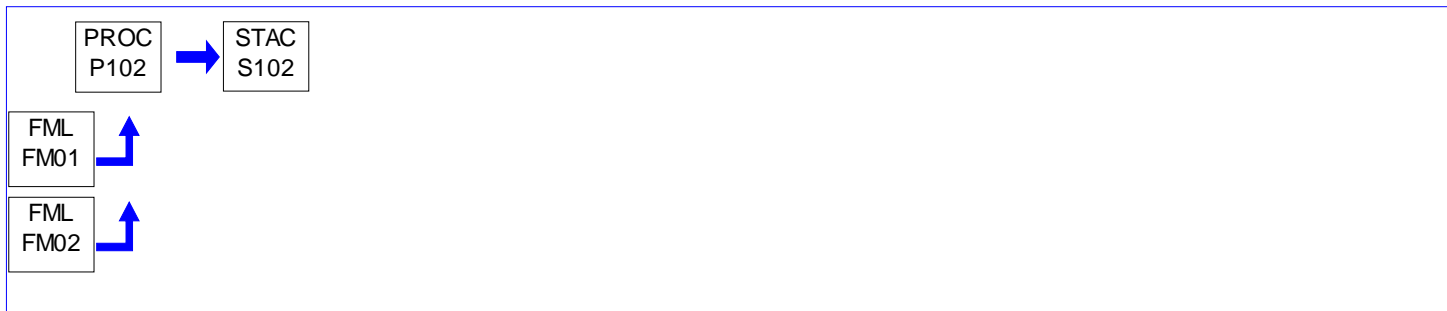
**\*\*\* Permit Shield in Effect. \*\*\***

**SECTION D. Source Level Requirements**

Source ID: P102

Source Name: #1 PAPER MACHINE DRYERS

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

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

The total emission of particulate matter from Source P102 shall not exceed 56.50 tons in any 12 consecutive month period.

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

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

The sulfur oxides (SO<sub>x</sub>, expressed as SO<sub>2</sub>) emissions from Source P102 shall not exceed 0.10 pounds per hour and 0.43 tons in any 12 consecutive month period.

Compliance with this permit condition also ensures compliance with 25 Pa. Code Section 123.21.

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

[Additional authority for the permit condition is derived from 25 Pa. Code Sections 127.1, 127.12 and 127.201 through 127.218]

The nitrogen oxides (NO<sub>x</sub>, expressed as NO<sub>2</sub>) emissions from Source P102 shall not exceed 90 ppmvd @ 3% O<sub>2</sub>, 13.03 pounds per hour and 55.51 tons in any 12 consecutive month period.

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

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

The carbon monoxide emissions from Source P102 shall not exceed 265 ppmvd @ 3% O<sub>2</sub>, 21.70 pounds per hour and 92.4 tons in any 12 consecutive month period.

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

[Additional authority for the permit condition is derived from 25 Pa. Code Sections 127.1, 127.12, 127.201 through 127.218 and 129.99]

The total combined emission of volatile organic compounds from Source P102 and Source P103 shall not exceed 12.38 pounds per hour while manufacturing paper towel and total combined emission of volatile organic compounds from Source P102 and Source P103 shall not exceed 6.55 pounds per hour while manufacturing tissue paper.

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

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

The emission of total filterable particulate matter from Source P102 shall not exceed 0.0072 grains per dry standard cubic foot and 4.16 pounds per hour while manufacturing tissue paper, the emission of total filterable PM-10 (particulate matter with an aerodynamic diameter of 10 microns or less) from Source P102 shall not exceed 0.0069 grains per dry standard cubic foot and 3.96 pounds per hour while manufacturing tissue paper and the emission of condensable particulate matter from Source P102 shall not exceed 0.0145 grains per dry standard cubic foot and 9.10 pounds per hour while manufacturing tissue paper.

Compliance with this permit condition also ensures compliance with 25 Pa. Code Section 123.13.

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

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

The emission of total filterable particulate matter from Source P102 shall not exceed 0.0060 grains per dry standard cubic foot and 3.79 pounds per hour while manufacturing paper towel, the emission of total filterable PM-10 (particulate matter with an aerodynamic diameter of 10 microns or less) from Source P102 shall not exceed 0.0057 grains per dry standard cubic foot and 3.60 pounds per hour while manufacturing paper towel and the emission of condensable particulate matter from Source P102 shall not exceed 0.0055 grains per dry standard cubic foot and 3.21 pounds per hour while manufacturing paper towel.

Compliance with this permit condition also ensures compliance with 25 Pa. Code Section 123.13.

**# 008 [25 Pa. Code §129.112]****Presumptive RACT requirements, RACT emission limitations and petition for alternative compliance schedule**

The nitrogen oxides (NO<sub>x</sub>, expressed as NO<sub>2</sub>) emissions from Source P102 shall not exceed 0.10 pounds per million Btu of heat input.

**Fuel Restriction(s).****# 009 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

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

The dryers incorporated in Source P102 shall only be fired on natural gas or propane.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

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

The permittee shall maintain accurate and comprehensive records of the calculations, as well as any background information, used to verify compliance with the nitrogen oxides (NO<sub>x</sub>, expressed as NO<sub>2</sub>), carbon monoxide, particulate



**SECTION D. Source Level Requirements**

matter and sulfur oxides (SO<sub>x</sub>, expressed as SO<sub>2</sub>) emission limitations established for Source P102 each month. All records generated pursuant to this condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

**V. REPORTING REQUIREMENTS.**

**# 011 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

The permittee shall submit semi-annual reports of the calculations, as well as any background information, used to verify compliance with the nitrogen oxides (NO<sub>x</sub>, expressed as NO<sub>2</sub>), carbon monoxide, particulate matter and sulfur oxides (SO<sub>x</sub>, expressed as SO<sub>2</sub>) emission limitations established for Source P102 each month during the respective semi-annual period. The semi-annual reports shall be submitted to the Department by no later than January 31 (for the immediately preceding July 1 through December 31 period) and July 31 (for the immediately preceding January 1 through June 30 period).

**VI. WORK PRACTICE REQUIREMENTS.**

**# 012 [25 Pa. Code §129.112]**

**Presumptive RACT requirements, RACT emission limitations and petition for alternative compliance schedule**

The permittee shall maintain and operate the dryer burners incorporated in Source P102 in accordance with the manufacturer's specifications and with good operating practices.

**VII. ADDITIONAL REQUIREMENTS.**

**# 013 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

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

Source P102 is the dryer section of paper machine #1 comprised of a Thru-Air-Dryer (TAD) that incorporates a 124 million Btu per hour, natural gas/propane-fired burner and a Yankee dryer that incorporates two 9 million Btu per hour, natural gas/propane-fired burners. The burners described herein shall all be low nitrogen oxides (low NO<sub>x</sub>) type burners.

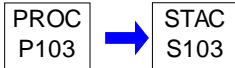
**\*\*\* Permit Shield in Effect. \*\*\***

**SECTION D. Source Level Requirements**

Source ID: P103

Source Name: #1 PAPER MACHINE GLUE CONTAINMENT AREA

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for the permit condition is derived from 25 Pa. Code Sections 127.1, 127.12, 127.201 through 127.218 and 129.99]

The total combined emission of volatile organic compounds from Source P102 and Source P103 shall not exceed 12.38 pounds per hour while manufacturing paper towel and total combined emission of volatile organic compounds from Source P102 and Source P103 shall not exceed 6.55 pounds per hour while manufacturing tissue paper.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

**IV. RECORDKEEPING REQUIREMENTS.**

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

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.**

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

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

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

Source P103 is the glue containment area of paper machine #1.

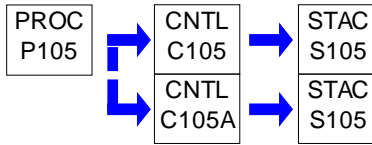
**\*\*\* Permit Shield in Effect. \*\*\***

**SECTION D. Source Level Requirements**

Source ID: P105

Source Name: #1 PAPER MACHINE DRY-END

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

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

The emission of total filterable particulate matter from Source P105 shall not exceed 0.0024 grains per dry standard cubic foot and 0.83 pounds per hour while manufacturing paper towel, the emission of total filterable PM-10 (particulate matter with an aerodynamic diameter of 10 microns or less) from Source P105 shall not exceed 0.0023 grains per dry standard cubic foot and 0.79 pounds per hour while manufacturing paper towel and the emission of condensable particulate matter from Source P105 shall not exceed 0.0116 grains per dry standard cubic foot and 4.67 pounds per hour while manufacturing paper towel.

Compliance with this permit condition also ensures compliance with 25 Pa. Code Section 123.13.

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

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

The emission of total filterable particulate matter from Source P105 shall not exceed 0.0024 grains per dry standard cubic foot and 0.83 pounds per hour while manufacturing tissue paper, the emission of total filterable PM-10 (particulate matter with an aerodynamic diameter of 10 microns or less) from Source P105 shall not exceed 0.0024 grains per dry standard cubic foot and 0.79 pounds per hour while manufacturing tissue paper and the emission of condensable particulate matter from Source P105 shall not exceed 0.0042 grains per dry standard cubic foot and 1.18 pounds per hour while manufacturing tissue paper.

Compliance with this permit condition also ensures compliance with 25 Pa. Code Section 123.13.

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

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

The total emission of particulate matter from Source P105 shall not exceed 23.90 tons in any 12 consecutive month period.

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

The emission of volatile organic compounds from Source P105 and Source P205 resulting from the use of rethreading glue shall not exceed 0.19 tons in any 12 consecutive month period.

**II. TESTING REQUIREMENTS.**

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

**SECTION D. Source Level Requirements****III. MONITORING REQUIREMENTS.****# 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, as well as 40 CFR Part 64 Section 64.6]

Control Device C105A shall be equipped with instrumentation which continuously monitors the differential pressure across Control Device C105A, as well as equipped with instrumentation which continuously monitors the recirculation flow of Control Device C105A.

**# 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, as well as 40 CFR Part 64 Section 64.6]

Control Device C105 shall be equipped with instrumentation which continuously monitors the differential pressure across Control Device C105, as well as equipped with instrumentation which continuously monitors the recirculation and continuous bleed flows of Control Device C105.

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

[Additional authority for this permit condition is derived from 40 CFR Section 64.9]

Except as noted in 40 CFR Section 64.7(c), instrumentation shall continuously monitor the differential pressure across Control Device C105A, as well as continuously monitor the recirculation flow of Control Device C105A, any time Source P105 is operating and the permittee shall record these parameters at least once per 12 hour operating shift. All records generated pursuant to this condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

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

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

- (1) The identity, the amount and the volatile organic compound content of the rethreading glue used in Source P105 each month.
- (2) The calculations, as well as any background information, used to verify compliance with the particulate matter and volatile organic compound emission limitations established for Source P105 each month.

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

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

[Additional authority for this permit condition is derived from 40 CFR Section 64.9]

Except as noted in 40 CFR Section 64.7(c), instrumentation shall continuously monitor the differential pressure across Control Device C105, as well as continuously monitor the recirculation and continuous bleed flows of Control Device C105, any time Source P105 is operating and the permittee shall record these parameters at least once per 12 hour operating shift. All records generated pursuant to this condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

**# 010 [25 Pa. Code §129.115]****Written notification, compliance demonstration and recordkeeping and reporting requirements**

The permittee shall maintain records that demonstrate to the Department that Source ID P105 is not subject to 25 Pa. Code §129.112 based on the potential to emit not exceeding the specified emission rate threshold of 1 ton per year of VOCs.

**SECTION D. Source Level Requirements****V. REPORTING REQUIREMENTS.****# 011 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall submit semi-annual reports of the following:

- (1) The identity, the amount and the volatile organic compound content of the rethreading glue used in Source P105 each month during the respective semi-annual period.
- (2) The calculations, as well as any background information, used to verify compliance with the particulate matter and volatile organic compound emission limitations established for Source P105 each month during the respective semi-annual period.

The semi-annual reports shall be submitted to the Department by no later than January 31 (for the immediately preceding July 1 through December 31 period) and July 31 (for the immediately preceding January 1 through June 30 period).

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

Pursuant to the compliance assurance monitoring requirements of 40 CFR Sections 64.6 and 64.9, the permittee shall submit the following reports on a semi-annual basis:

- (1) Summary information on the duration and cause (including unknown cause, if applicable) of excursions of the CAM indicators and corrective actions taken.
- (2) Summary information on the duration and cause (including unknown cause, if applicable) for monitor downtime incidents (other than downtime associated with calibration checks).

The semi-annual reports shall be submitted to the Department by no later than January 31 (for the immediately preceding July 1 through December 31 period) and July 31 (for the immediately preceding January 1 through June 30 period).

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

[Additional authority for this permit condition is derived from 40 CFR Section 64.8]

(1) The permittee shall develop and implement a Quality Improvement Plan (QIP) as expeditiously as practicable if any of the following occur:

- (a) Six (6) excursions occur in a six (6) month reporting period.
- (b) The Department determines after review of all reported information that the permittee has not responded acceptably to an excursion.

(2) The QIP should be developed within 60 days and the permittee shall provide a copy of the QIP to the Department. Furthermore, the permittee shall notify the Department if the period for completing the improvements contained in the QIP exceeds 180 days from the date on which the need to implement the QIP was determined.

(3) The permittee shall record actions taken to implement a QIP during a reporting period and all related actions including, but not limited to, inspections, repairs, and maintenance performed on Control Device C105 and/or Control Device C105A.

(4) In accordance with 40 CFR Section 64.8, the QIP shall include procedures for evaluating the control performance problems. Based on the results of the evaluation procedures, the permittee shall modify the QIP and provide the Department with a copy, to include procedures for conducting more frequent, or improved, monitoring in conjunction with one or more of the following:

- (a) Improved preventive maintenance practices,
- (b) Process operation changes,
- (c) Appropriate improvements to the control methods,
- (d) Other steps appropriate to correct performance.

(5) Following implementation of a QIP, the Department will require reasonable revisions to the QIP if the plan has failed to either:

- (a) Address the cause of the performance problems of Control Device C105 and/or Control Device C105A.
  - (b) Provide adequate procedures for correcting the performance problems of Control Device C105 and/or Control Device C105A in as expeditiously as practicable in accordance with good air pollution control practices for minimizing emissions.
- (6) Implementation of a QIP shall not excuse the permittee from compliance with any existing emission limitation or

**SECTION D. Source Level Requirements**

standard or any existing monitoring, testing, reporting or recordkeeping requirements that may apply under any federal, state, or local laws or any other applicable requirements under the Clean Air Act.

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

[Additional authority for the permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12, as well as 40 CFR Part 64 Section 64.6]

The recirculation flow of Control Device C105A shall be maintained at or above 150 gallons per minute and the differential pressure across the Control Device C105A shall be maintained at a minimum of 4 inches of water, at all times the control device is in operation.

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

[Additional authority for the permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12, as well as 40 CFR Part 64 Section 64.6]

The recirculation and continuous bleed flows of Control Device C105 shall be maintained at or above 850 gallons per minute and 2.0 gallons per minute, respectively, and the differential pressure across the Control Device C105 shall be maintained at a minimum of 12 inches of water, at all times the control device is in operation.

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

Pursuant to the compliance assurance monitoring requirements of 40 CFR Section 64.6, the permittee shall conduct the monitoring and fulfill the other obligations (i.e., proper monitor maintenance, corrective actions, etc.) specified in 40 CFR Section 64.7.

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

[Additional authority for this permit condition is derived from 40 CFR Part 64 Section 64.7]

Upon detecting an excursion, as defined in 40 CFR Section 64.1, of the Compliance Assurance Monitoring (CAM) indicator ranges established herein, the permittee shall restore operation of Source P105, Control Device C105 and/or Control Device C105A to its normal or usual manner of operation as expeditiously as practicable in accordance with good air pollution control practices for minimizing emissions. The response shall include minimizing the period of any startup, shutdown or malfunction and taking any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of the excursion.

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

Source P105 is subject to the monitoring requirements specified in the provisions of 40 CFR Part 64 (Compliance Assurance Monitoring (CAM)). The permittee shall comply with the requirements specified in 40 CFR Sections 64.1 through 64.10.

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

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

Source P105 is the dry-end of paper machine #1, the air contaminant emissions from which shall be controlled by an EnviroLogic variable throat venturi scrubber incorporating a chevron mist eliminator (Control Device C105) and by a Brunnschweiler variable throat venturi scrubber incorporating a chevron mist eliminator (Control Device C105A).

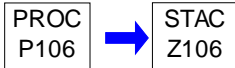
**\*\*\* Permit Shield in Effect. \*\*\***

**SECTION D. Source Level Requirements**

Source ID: P106

Source Name: #1 PAPER MACHINE DAF CLARIFIER

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for the permit condition is derived from 25 Pa. Code Sections 127.1, 127.12 and 127.201 through 127.218]

The emission of volatile organic compounds from Source P106 shall not exceed 0.15 pounds per hour while manufacturing paper towel and 0.013 pounds per hour while manufacturing tissue paper.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

**IV. RECORDKEEPING REQUIREMENTS.**

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

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.**

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

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

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

Source P106 is a Dissolved Air Floatation (DAF) clarifier for paper machine #1.

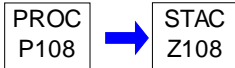
**\*\*\* Permit Shield in Effect. \*\*\***

**SECTION D. Source Level Requirements**

Source ID: P108

Source Name: ADHESIVE OPERATION

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for the permit condition is derived from 25 Pa. Code Sections 127.1, 127.12, 127.201 through 127.218 and 129.99]

The emission of volatile organic compounds from Source P108 shall not exceed 6.83 tons in any 12 consecutive month period.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

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

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

- (1) The identity, the amount and the volatile organic compound content of each adhesive used in Source P108 each month.
- (2) The calculations, as well as any background information, used to verify compliance with the volatile organic compound emission and adhesive usage limitations established for Source P108 each month.

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

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

The permittee shall submit semi-annual reports of the following:

- (1) The identity, the amount and the volatile organic compound content of each adhesive used in Source P108 each month during the respective semi-annual period.
- (2) The calculations, as well as any background information, used to verify compliance with the volatile organic compound emission and adhesive usage limitations established for Source P108 each month during the respective semi-annual period.

The semi-annual reports shall be submitted to the Department by no later than January 31 (for the immediately preceding July 1 through December 31 period) and July 31 (for the immediately preceding January 1 through June 30 period).



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

[Additional authority for the permit condition is derived from 25 Pa. Code Sections 127.1, 127.12, 127.201 through 127.218 and 129.99]

The volatile organic compound content and usage rate of each of the adhesives listed below shall not exceed the limitations specified below. The Department may revise these limitations in response to a request by the permittee which includes justification for a change in materials or change in usage rate and documentation of investigation of alternative materials potentially emitting less volatile organic compounds. Prior Department approval is required for use of alternate materials containing hazardous air pollutants or materials with a higher volatile organic compound content or for a higher material usage rate than is specified herein. Substitution of non-hazardous air pollutant containing materials with lower volatile organic compound content than are specified herein may be made without prior Department approval. In such instances notification and supporting documentation must be submitted to the Department within seven days following the substitution.

## Adhesive – VOC Content / Usage Rate

- (1) Laminating Glue – 0.012 pounds per gallon / 1,650 gallons per day
- (2) Tail Tie – 0.008 pounds per gallon / 1,100 gallons per day
- (3) Transfer Glue – 0.010 pounds per gallon / 300 gallons per day
- (4) Core Glue – 0.008 pounds per gallon / 700 gallons per day
- (5) Case Glue – 0.000 pounds per gallon / no usage limitation

Compliance with the adhesive usage rate limitations shall be based on a calendar month average.

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

The Laminating Glue used in Source P108 shall contain no more than 0.012 lb/gal of hazardous air pollutants.

**VII. ADDITIONAL REQUIREMENTS.****# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

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

Source P108 is the use of adhesives in the facility's converting area.

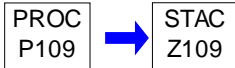
**\*\*\* Permit Shield in Effect. \*\*\***

**SECTION D. Source Level Requirements**

Source ID: P109

Source Name: PRINTING OPERATION

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The emission of volatile organic compounds from Source P109 shall not exceed 0.97 tons in any 12 consecutive month period.

**Throughput Restriction(s).****# 002 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The use of the following materials for Source P109 shall not exceed the following limitations:

- (1) Ink – 170 gallons (643 liters) in any 12 consecutive month period
- (2) Solvent – 510 gallons (1,928 liters) in any 12 consecutive month period
- (3) Cleaning Solution – 30 gallons (104 liters) in any 12 consecutive month period

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

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

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

- (1) The identity, the amount and the volatile organic compound content of each ink, solvent and cleaning solution used in Source P109 each month.
- (2) The calculations, as well as any background information, used to verify compliance with the volatile organic compound emission and material usage limitations for Source P109 each month.

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

**# 004 [25 Pa. Code §129.115]****Written notification, compliance demonstration and recordkeeping and reporting requirements**

The permittee shall maintain records that demonstrate to the Department that Source ID P109 is not subject to 25 Pa. Code §129.112 based on the potential to emit not exceeding the specified emission rate threshold of 1 ton per year of VOCs.

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

The permittee shall submit semi-annual reports of the following:

- (1) The identity, the amount and the volatile organic compound content of each ink, solvent and cleaning solution used in Source P109 each month during the respective semi-annual period.
- (2) The calculations, as well as any background information, used to verify compliance with the volatile organic compound emission and material usage limitations for Source P109 each month during the respective semi-annual period.

The semi-annual reports shall be submitted to the Department by no later than January 31 (for the immediately preceding July 1 through December 31 period) and July 31 (for the immediately preceding January 1 through June 30 period).

**VI. WORK PRACTICE REQUIREMENTS.****# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

None of the inks, solvents or cleaning solutions used in Source P109 shall contain hazardous air pollutants as an intentionally added ingredient.

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

All cleaning solutions used in Source P109 shall be stored in closed containers when not in actual use. All used cleaning solutions and all cleaning solution-wet rags or cloths shall be stored in closed containers when not in actual use and shall never be treated in any manner which would unnecessarily promote the evaporative loss of cleaning solvent to the atmosphere.

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

The volatile organic compound content of the following materials used in Source P109 shall not exceed the following limitations:

- (1) Ink – 3.18 pounds per gallon (381 grams per liter)
- (2) Solvent – 2.63 pounds per gallon (315 grams per liter)
- (3) Cleaning Solution – 1.97 pounds per gallon (236 grams per liter)

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

Source P109 is a printing operation located in the converting area for paper machines #1 and #2. The operation is comprised of eleven (11) Videojet inkjet printers for printing on paperboard cores.

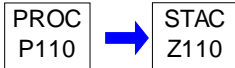
**\*\*\* Permit Shield in Effect. \*\*\***

**SECTION D. Source Level Requirements**

Source ID: P110

Source Name: WASTEWATER TREATMENT OPERATION

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for the permit condition is derived from 25 Pa. Code Sections 127.1, 127.12, 127.201 through 127.218 and 129.99]

The emission of volatile organic compounds from Source P110 resulting from the treating of paper additives shall not exceed 8.81 tons in any 12 consecutive month period.

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

[Additional authority for the permit condition is derived from 25 Pa. Code Sections 127.1, 127.12, 127.201 through 127.218 and 129.99]

The emission of volatile organic compounds from Source P110 resulting from the treating of boiler and cooling tower additives shall not exceed 0.12 tons in any 12 consecutive month period.

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

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

The total combined hazardous air pollutant emissions from Source P110 resulting from the use of wastewater treatment additives shall not exceed 100 pounds in any 12 consecutive month period.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

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

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

- (1) The identity, the amount and the volatile organic compound and hazardous air pollutant content of each wastewater treatment additive used in Source P110 each month.
- (2) The identity, the amount and the volatile organic compound and hazardous air pollutant content of each boiler and cooling tower additive used at the facility each month.
- (3) The calculations, as well as any background information, used to verify compliance with the volatile organic compound and hazardous air pollutant emission limitations for Source P110 each month.

**SECTION D. Source Level Requirements**

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

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

The permittee shall submit semi-annual reports of the following:

- (1) The identity, the amount and the volatile organic compound and hazardous air pollutant content of each wastewater treatment additive used in Source P110 each month during the respective semi-annual period.
- (2) The identity, the amount and the volatile organic compound and hazardous air pollutant content of each boiler and cooling tower additive used at the facility each month during the respective semi-annual period.
- (3) The calculations, as well as any background information, used to verify compliance with the volatile organic compound and hazardous air pollutant emission limitations for Source P110 each month during the respective semi-annual period.

The semi-annual reports shall be submitted to the Department by no later than January 31 (for the immediately preceding July 1 through December 31 period) and July 31 (for the immediately preceding January 1 through June 30 period).

**VI. WORK PRACTICE REQUIREMENTS.****# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for the permit condition is derived from 25 Pa. Code Sections 127.1, 127.12, 127.201 through 127.218 and 129.99]

The volatile organic compound content of each of the Novus flocculant and the Polyfloc clarifier used in Source P110 shall not exceed 2.34 pounds per gallon and 2.18 pounds per gallon, respectively. The Department may revise these limitations in response to a request by the permittee which includes justification for a change in materials and documentation of investigation of alternative materials potentially emitting less volatile organic compounds. Prior Department approval is required for use of alternate materials containing hazardous air pollutants or materials with a higher volatile organic compound content. Substitution of non-hazardous air pollutant containing materials with lower volatile organic compound content than are specified herein may be made without prior Department approval. In such instances notification and supporting documentation must be submitted to the Department within seven days following the substitution.

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

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

Source P110 is a wastewater treatment operation.

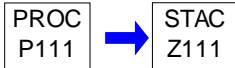
**\*\*\* Permit Shield in Effect. \*\*\***

**SECTION D. Source Level Requirements**

Source ID: P111

Source Name: STORAGE TANKS

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for the permit condition is derived from 25 Pa. Code Sections 127.1, 127.12 and 127.201 through 127.218]

The total combined emission of volatile organic compounds from the storage tanks incorporated Source P111 shall not exceed 0.07 tons in any 12 consecutive month period.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

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

The permittee shall maintain accurate and comprehensive records of the calculations, as well as any background information, used to verify compliance with the volatile organic compound emission limitation for Source P111 each month. All records generated pursuant to this condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

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

The permittee shall submit semi-annual reports of the calculations, as well as any background information, used to verify compliance with the volatile organic compound emission limitation for Source P111 each month during the respective semi-annual period. The semi-annual reports shall be submitted to the Department by no later than January 31 (for the immediately preceding July 1 through December 31 period) and July 31 (for the immediately preceding January 1 through June 30 period).

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

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

The additive storage tanks incorporated in Source P111 shall each be equipped with pressure relief valves set to release at no less than 0.7 psig of pressure and 0.3 psig of vacuum.

Compliance with this permit condition also ensures compliance with 25 Pa. Code Section 129.57.

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

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

Source P111 is comprised of the following additive storage tanks

- (1) six 10,000 gallon wet strength additive(s) storage tanks
- (2) two 7,500 gallon crepe adhesive storage tanks
- (3) two 3,200 gallon dry strength additive(s) storage tanks
- (4) two 2,600 gallon polyvinyl alcohol storage tanks

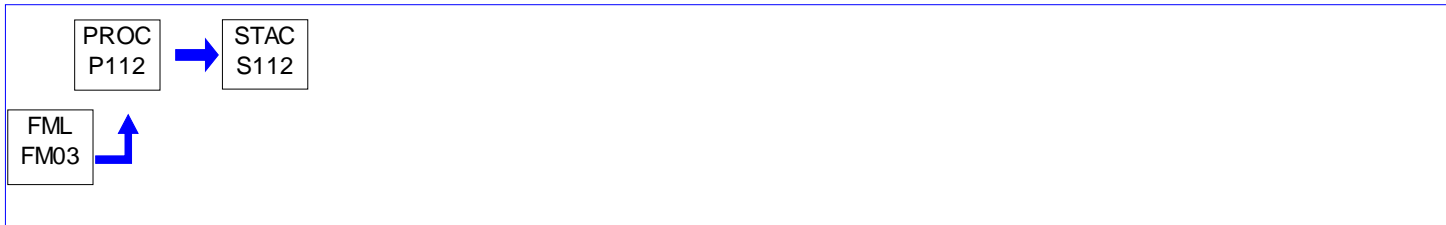
**\*\*\* Permit Shield in Effect. \*\*\***

**SECTION D. Source Level Requirements**

Source ID: P112

Source Name: DIESEL FIRE PUMP

Source Capacity/Throughput:

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

The permittee shall not permit the emission of particulate matter into the outdoor atmosphere from Source P112 in such a manner that the concentration in the effluent gas exceeds 0.04 grains per dry standard cubic foot.

**# 002 [25 Pa. Code §123.21]****General**

The permittee shall not permit the emission of sulfur oxides, expressed as SO<sub>2</sub>, into the outdoor atmosphere from Source P112 in such a manner that the concentration of the sulfur oxides in the effluent gas exceeds 500 parts per million, by volume, dry basis.

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

[Additional authority for the permit condition is derived from 25 Pa. Code Sections 127.1, 127.12 and 127.201 through 127.218]

The emission of air contaminants from Source P112 shall not exceed the following limitations:

- (1) Nitrogen oxides (NO<sub>x</sub>, expressed as NO<sub>2</sub>) – 4.46 tons in any 12 consecutive month period.
- (2) Volatile organic compounds - 0.36 tons in any 12 consecutive month period.

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

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

The emission of air contaminants from Source 112 shall not exceed the following limitations:

- (1) Carbon monoxide - 0.96 tons in any 12 consecutive month period.
- (2) Particulate matter, including particulate matter with an aerodynamic diameter of 10 microns or less – 0.32 tons in any 12 consecutive month period.
- (3) Sulfur oxides (SO<sub>x</sub>, expressed as SO<sub>2</sub>) – 0.29 tons in any 12 consecutive month period.

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

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

Source P112 shall only be fired on virgin #2 fuel oil or diesel fuel to which no reprocessed or waste oil or other waste materials have been added. In addition, the sulfur content of the #2 fuel oil or diesel fuel shall not contain more than 0.3% sulfur, by weight.



**SECTION D. Source Level Requirements****Operation Hours Restriction(s).****# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for the permit condition is derived from 25 Pa. Code Sections 127.1, 127.12 and 127.201 through 127.218]

Source P112 shall not be operated equal to or more than 500 hours in any 12 consecutive month period.

**# 007 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6640]****Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****How do I demonstrate continuous compliance with the emission limitations, operating limitations, and other requirements?**

Any operation of Source P112, other than emergency operation, maintenance and testing, and operation in non-emergency situations for 50 hours per year, as described in subsections (1) through (3), is prohibited.

(1) With respect to demonstrating compliance with this condition, there is no time limit on the use of Source P112 in emergency situations.

(2) The permittee may operate Source P112 for maintenance checks and readiness testing, provided that the tests are recommended by federal, state or local government, the manufacturer, the vendor or the insurance company associated with the source, for a maximum of 100 hours per calendar year. The permittee may petition the Department for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the owner or operator maintains records indicating that federal, state, or local standards require maintenance and testing of Source P112 beyond 100 hours per calendar year. Any operation for non-emergency situations as allowed by subsection (3) of this condition counts as part of the 100 hours per calendar year allowed by this subsection.

(3) Source P112 may be operated for up to 50 hours per calendar year in non-emergency situations. The 50 hours of operation in non-emergency situations are counted as part of the 100 hours per calendar year for maintenance and testing provided in subsection (2) of this condition.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.****# 008 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6625]****Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What are my monitoring, installation, operation, and maintenance requirements?**

Source P112 shall be equipped with a non-resettable hour meter.

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

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

(1) The number of hours Source P112 is operated each month.

(2) The calculations, as well as any background information, used to verify compliance with the nitrogen oxides (NO<sub>x</sub>, expressed as NO<sub>2</sub>), carbon monoxide, volatile organic compound, particulate matter and sulfur oxides (SO<sub>x</sub>, expressed as SO<sub>2</sub>) emission limitations established for Source P112 each month.

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

**SECTION D. Source Level Requirements****# 010 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6655]****Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What records must I keep?**

The permittee shall keep records of the maintenance conducted on Source P112 in order to demonstrate the source was operated and maintained according to the permittee's own maintenance plan. All records generated pursuant to this condition shall be retained for a minimum of five (5) years following the date of each maintenance action and shall be made available to the Department upon request.

**# 011 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6655]****Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What records must I keep?**

The permittee shall keep monthly records of the hours of operation of Source P112 that is recorded through the nonresettable hour meter. The permittee shall document how many hours are spent for emergency operation, including what classified the operation as emergency and how many hours are spent for non-emergency operation. All records generated pursuant to this condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

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

The permittee shall submit semi-annual reports of the following:

- (1) The number of hours Source P112 is operated each month during the respective semi-annual period.
- (2) The calculations, as well as any background information, used to verify compliance with the nitrogen oxides (NO<sub>x</sub>, expressed as NO<sub>2</sub>), carbon monoxide, volatile organic compound, particulate matter and sulfur oxides (SO<sub>x</sub>, expressed as SO<sub>2</sub>) emission limitations established for Source P112 each month during the respective semi-annual period.

The semi-annual reports shall be submitted to the Department by no later than January 31 (for the immediately preceding July 1 through December 31 period) and July 31 (for the immediately preceding January 1 through June 30 period).

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

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

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

R3\_Air\_Apps\_and\_Notices@epa.gov

And

Pennsylvania Department of Environmental Protection  
Air Quality Program Manager

**SECTION D. Source Level Requirements**

208 W. Third Street, Suite 101  
Williamsport, PA 17701

**# 014 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6640]****Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****How do I demonstrate continuous compliance with the emission limitations, operating limitations, and other requirements?**

The permittee shall report each instance in which Source P112 was not operated or maintained according to the manufacturer's emission-related written instructions or the source specific maintenance plan developed for the source which provides to the extent practicable for the maintenance and operation of Source P112 in a manner consistent with good air pollution control practice for minimizing emissions. These instances are deviations from the emission and operating limitations in Subpart ZZZZ. The report submitted for these deviations shall contain the following information:

- (1) Company name and address.
- (2) Statement by a responsible official, with that official's name, title, and signature, certifying the accuracy of the content of the report.
- (3) Date of report.
- (4) The total operating time of Source P112 at which the deviation occurred.
- (5) Information on the number, duration, and cause of deviations (including unknown cause, if applicable), as applicable, and the corrective action taken.

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

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

**VI. WORK PRACTICE REQUIREMENTS.****# 015 [25 Pa. Code §129.112]****Presumptive RACT requirements, RACT emission limitations and petition for alternative compliance schedule**

The permittee shall maintain and operate Source P112 in accordance with the manufacturer's specifications and with good operating practices.

**# 016 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6602]****Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What emission limitations must I meet if I own or operate an existing stationary RICE with a site rating of equal to or less than 500 brake HP located at a major source of HAP emissions?**

The permittee shall perform the following work practices for Source P112 as prescribed herein:

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

**# 017 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6605]****Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What are my general requirements for complying with this subpart?**

At all times the permittee shall operate and maintain Source P112, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. The general duty to minimize emissions does not require the permittee to make any further efforts to reduce emissions if levels required by Subpart ZZZZ of the National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines have been achieved. Determination of whether such operation and maintenance procedures are being used will be based on information available to the Department which may include, but is

**SECTION D. Source Level Requirements**

not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source.

**# 018 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6625]****Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What are my monitoring, installation, operation, and maintenance requirements?**

The permittee shall operate and maintain Source P112 according to the manufacturer's emission-related written instructions or develop a source specific maintenance plan which must provide to the extent practicable for the maintenance and operation of Source P112 in a manner consistent with good air pollution control practice for minimizing emissions.

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

**# 019 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6625]****Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What are my monitoring, installation, operation, and maintenance requirements?**

The permittee shall minimize Source P112's time spent at idle during startup and minimize the source's startup time to a period needed for appropriate and safe loading of the source, not to exceed 30 minutes.

**VII. ADDITIONAL REQUIREMENTS.****# 020 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

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

Source P112 is a 300 horsepower diesel fire pump.

**# 021 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6585]****Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****Am I subject to this subpart?**

Source P112 shall comply with all applicable requirements specified in Subpart ZZZZ of the National Emission Standards for Hazardous Air Pollutants, 40 CFR 63.6580 through 63.6675.

**\*\*\* Permit Shield in Effect. \*\*\***

**SECTION D. Source Level Requirements**

Source ID: P201

Source Name: #2 PAPER MACHINE WET-END

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The emission of volatile organic compounds from Source P201 shall not equal or exceed 2.70 tons in any 12 consecutive month period.

Compliance with this condition also ensures compliance with 25 Pa. Code Sections 127.1, 127.12 and 127.201 through 127.217.

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

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

The emission of total filterable particulate matter from Source P201 shall not exceed 0.0022 grains per dry standard cubic foot and 1.23 pounds per hour while manufacturing paper towel, the emission of total filterable PM-10 (particulate matter with an aerodynamic diameter of 10 microns or less) from Source P201 shall not exceed 0.0021 grains per dry standard cubic foot and 1.17 pounds per hour while manufacturing paper towel and the emission of condensable particulate matter from Source P201 shall not exceed 0.0039 grains per dry standard cubic foot and 2.57 pounds per hour while manufacturing paper towel.

Compliance with this permit condition also ensures compliance with 25 Pa. Code Section 123.13.

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

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

The emission of total filterable particulate matter from Source P201 shall not exceed 0.0026 grains per dry standard cubic foot and 2.33 pounds per hour while manufacturing tissue paper, the emission of total filterable PM-10 (particulate matter with an aerodynamic diameter of 10 microns or less) from Source P201 shall not exceed 0.0025 grains per dry standard cubic foot and 2.22 pounds per hour while manufacturing tissue paper and the emission of condensable particulate matter from Source P201 shall not exceed 0.0049 grains per dry standard cubic foot and 3.99 pounds per hour while manufacturing tissue paper.

Compliance with this permit condition also ensures compliance with 25 Pa. Code Section 123.13.

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

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

The total emission of particulate matter from Source P201 shall not exceed 26.90 tons in any 12 consecutive month period.

**II. TESTING REQUIREMENTS.**

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

**SECTION D. Source Level Requirements****III. MONITORING REQUIREMENTS.****# 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, as well as 40 CFR Part 64 Section 64.6]

Control Device C201 shall be equipped with instrumentation which continuously monitors the differential pressure across the device.

**IV. RECORDKEEPING REQUIREMENTS.****# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall maintain accurate and comprehensive records of the calculations, as well as any background information, used to verify compliance with the particulate matter emission limitation established for Source P201 each month. All records generated pursuant to this condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

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

[Additional authority for this permit condition is derived from 40 CFR Section 64.9]

Except as noted in 40 CFR Section 64.7(c), instrumentation shall continuously monitor the differential pressure across Control Device C201 any time Source P201 is operating and the permittee shall record the differential pressure across the device at least once per day. Differential pressure recordings of less than 0.7 inches of water, based on a 7 day running average, shall be considered "excursions" for the purposes of Compliance Assurance Monitoring. All records generated pursuant to this condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

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

The permittee shall submit semi-annual reports of the calculations, as well as any background information, used to verify compliance with the particulate matter emission limitation established for Source P201 each month during the respective semi-annual period. The semi-annual reports shall be submitted to the Department by no later than January 31 (for the immediately preceding July 1 through December 31 period) and July 31 (for the immediately preceding January 1 through June 30 period).

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

Pursuant to the compliance assurance monitoring requirements of 40 CFR Sections 64.6 and 64.9, the permittee shall submit the following reports on a quarterly basis:

- (1) Summary information on the duration and cause (including unknown cause, if applicable) of excursions of the CAM indicators and corrective actions taken.
- (2) Summary information on the duration and cause (including unknown cause, if applicable) for monitor downtime incidents (other than downtime associated with calibration checks).

The semi-annual reports shall be submitted to the Department by no later than January 31 (for the immediately preceding July 1 through December 31 period) and July 31 (for the immediately preceding January 1 through June 30 period).

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

[Additional authority for this permit condition is derived from 40 CFR Section 64.8]

**SECTION D. Source Level Requirements**

(1) The permittee shall develop and implement a Quality Improvement Plan (QIP) as expeditiously as practicable if any of the following occur:

- (a) Six (6) excursions occur in a six (6) month reporting period.
- (b) The Department determines after review of all reported information that the permittee has not responded acceptably to an excursion.

(2) The QIP should be developed within 60 days and the permittee shall provide a copy of the QIP to the Department. Furthermore, the permittee shall notify the Department if the period for completing the improvements contained in the QIP exceeds 180 days from the date on which the need to implement the QIP was determined.

(3) The permittee shall record actions taken to implement a QIP during a reporting period and all related actions including, but not limited to, inspections, repairs, and maintenance performed on the Control Device C201.

(4) In accordance with 40 CFR Section 64.8, the QIP shall include procedures for evaluating the control performance problems. Based on the results of the evaluation procedures, the permittee shall modify the QIP and provide the Department with a copy, to include procedures for conducting more frequent, or improved, monitoring in conjunction with one or more of the following:

- (a) Improved preventive maintenance practices,
- (b) Process operation changes,
- (c) Appropriate improvements to the control methods,
- (d) Other steps appropriate to correct performance.

(5) Following implementation of a QIP, the Department will require reasonable revisions to the QIP if the plan has failed to either:

- (a) Address the cause of the performance problems of Control Device C201.
- (b) Provide adequate procedures for correcting the performance problems of Control Device C201 in as expeditiously as practicable in accordance with good air pollution control practices for minimizing emissions.

(6) Implementation of a QIP shall not excuse the permittee from compliance with any existing emission limitation or standard or any existing monitoring, testing, reporting or recordkeeping requirements that may apply under any federal, state, or local laws or any other applicable requirements under the Clean Air Act.

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

[Additional authority for this permit condition is derived from 40 CFR Part 64 Section 64.6]

The differential pressure across the Control Device C201 shall be maintained at a minimum of 0.5 inches of water at all times the control device is in operation.

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

[Additional authority for this permit condition is derived from 40 CFR Section 64.6]

Pursuant to the compliance assurance monitoring requirements of 40 CFR Section 64.6, the permittee shall conduct the monitoring and fulfill the other obligations (i.e., proper monitor maintenance, corrective actions, etc.) specified in 40 CFR Section 64.7. Furthermore, the differential pressure instrumentation associated with Control Device C201 shall be operated and maintained in accordance with the manufacturer's recommended instructions.

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

[Additional authority for this permit condition is derived from 40 CFR Part 64 Section 64.7]

Upon detecting an excursion, as defined in 40 CFR Section 64.1, of the Compliance Assurance Monitoring (CAM) indicator ranges established herein, the permittee shall restore operation of Source P201 and/or Control Device C201 to its normal or usual manner of operation as expeditiously as practicable in accordance with good air pollution control practices for minimizing emissions. The response shall include minimizing the period of any startup, shutdown or malfunction and taking any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of the excursion.

**# 014 [25 Pa. Code §129.112]****Presumptive RACT requirements, RACT emission limitations and petition for alternative compliance schedule**

The permittee shall maintain and operate Source P201 in accordance with the manufacturer's specifications and with good

**SECTION D. Source Level Requirements**

operating practices.

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

Source P201 is subject to the monitoring requirements specified in the provisions of 40 CFR Part 64 (Compliance Assurance Monitoring (CAM)). The permittee shall comply with the requirements specified in 40 CFR Sections 64.1 through 64.10.

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

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

Source P201 is the wet-end of paper machine #2, the air contaminant emissions from which shall be controlled by a cyclone separator with a diameter, cylinder length and cone length of 11 feet, 11 feet and 18 2/3 feet, respectively (Control Device C201).

**\*\*\* Permit Shield in Effect. \*\*\***

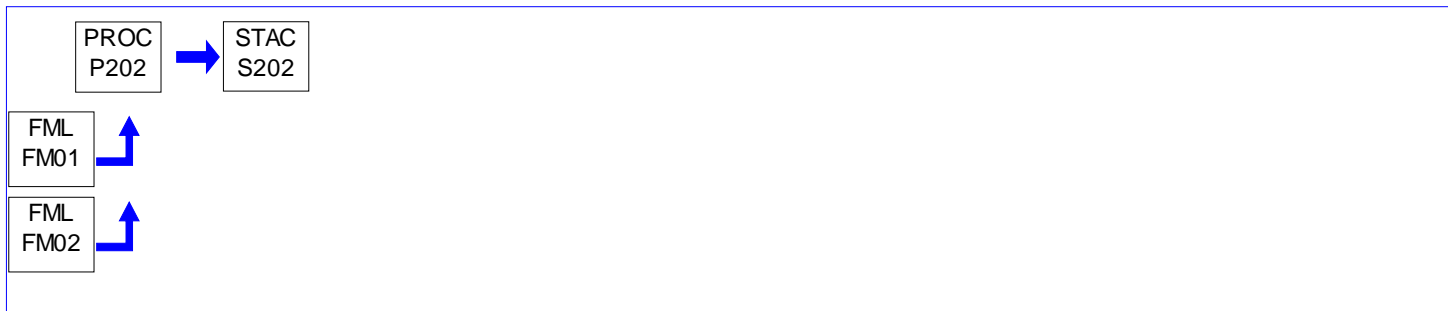


**SECTION D. Source Level Requirements**

Source ID: P202

Source Name: #2 PAPER MACHINE DRYERS

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for the permit condition is derived from 25 Pa. Code Sections 127.1, 127.12 and 127.201 through 127.218]

The nitrogen oxides (NO<sub>x</sub>, expressed as NO<sub>2</sub>) emissions from Source P202 shall not exceed 90 ppmvd @ 3% O<sub>2</sub>, 13.03 pounds per hour and 55.51 tons in any 12 consecutive month period.

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

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

The carbon monoxide emissions from Source P202 shall not exceed 265 ppmvd @ 3% O<sub>2</sub>, 21.70 pounds per hour and 92.4 tons in any 12 consecutive month period.

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

[Additional authority for the permit condition is derived from 25 Pa. Code Sections 127.1, 127.12, 127.201 through 127.218 and 129.99]

The total combined emission of volatile organic compounds from Source P202 and Source P203 shall not exceed 12.38 pounds per hour while manufacturing paper towel and total combined emission of volatile organic compounds from Source P202 and Source P203 shall not exceed 6.55 pounds per hour while manufacturing tissue paper.

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

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

The emission of total filterable particulate matter from Source P202 shall not exceed 0.0060 grains per dry standard cubic foot and 3.79 pounds per hour while manufacturing paper towel, the emission of total filterable PM-10 (particulate matter with an aerodynamic diameter of 10 microns or less) from Source P202 shall not exceed 0.0057 grains per dry standard cubic foot and 3.60 pounds per hour while manufacturing paper towel and the emission of condensable particulate matter from Source P202 shall not exceed 0.0055 grains per dry standard cubic foot and 3.21 pounds per hour while manufacturing paper towel.

Compliance with this permit condition also ensures compliance with 25 Pa. Code Section 123.13.

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

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

**SECTION D. Source Level Requirements**

The emission of total filterable particulate matter from Source P202 shall not exceed 0.0072 grains per dry standard cubic foot and 4.16 pounds per hour while manufacturing tissue paper, the emission of total filterable PM-10 (particulate matter with an aerodynamic diameter of 10 microns or less) from Source P202 shall not exceed 0.0069 grains per dry standard cubic foot and 3.96 pounds per hour while manufacturing tissue paper and the emission of condensable particulate matter from Source P202 shall not exceed 0.0145 grains per dry standard cubic foot and 9.10 pounds per hour while manufacturing tissue paper.

Compliance with this permit condition also ensures compliance with 25 Pa. Code Section 123.13.

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

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

The total emission of particulate matter from Source P202 shall not exceed 56.50 tons in any 12 consecutive month period.

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

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

The sulfur oxides (SO<sub>x</sub>, expressed as SO<sub>2</sub>) emissions from Source P202 shall not exceed 0.10 pounds per hour and 0.43 tons in any 12 consecutive month period.

Compliance with this permit condition also ensures compliance with 25 Pa. Code Section 123.21.

**# 008 [25 Pa. Code §129.112]****Presumptive RACT requirements, RACT emission limitations and petition for alternative compliance schedule**

The nitrogen oxides (NO<sub>x</sub>, expressed as NO<sub>2</sub>) emissions from Source P202 shall not exceed 0.10 pounds per million Btu of heat input.

**Fuel Restriction(s).****# 009 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

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

The dryers incorporated in Source P202 shall only be fired on natural gas or propane.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

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

The permittee shall maintain accurate and comprehensive records of the calculations, as well as any background information, used to verify compliance with the nitrogen oxides (NO<sub>x</sub>, expressed as NO<sub>2</sub>), carbon monoxide, particulate matter and sulfur oxides (SO<sub>x</sub>, expressed as SO<sub>2</sub>) emission limitations established for Source P202 each month. All records generated pursuant to this condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

**SECTION D. Source Level Requirements****V. REPORTING REQUIREMENTS.****# 011 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall submit semi-annual reports of the calculations, as well as any background information, used to verify compliance with the nitrogen oxides (NO<sub>x</sub>, expressed as NO<sub>2</sub>), carbon monoxide, particulate matter and sulfur oxides (SO<sub>x</sub>, expressed as SO<sub>2</sub>) emission limitations established for Source P202 each month during the respective semi-annual period. The semi-annual reports shall be submitted to the Department by no later than January 31 (for the immediately preceding July 1 through December 31 period) and July 31 (for the immediately preceding January 1 through June 30 period).

**VI. WORK PRACTICE REQUIREMENTS.****# 012 [25 Pa. Code §129.112]****Presumptive RACT requirements, RACT emission limitations and petition for alternative compliance schedule**

The permittee shall maintain and operate the dryer burners incorporated in Source P202 in accordance with the manufacturer's specifications and with good operating practices.

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

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

Source P202 is the dryer section of paper machine #2 comprised of a Thru-Air-Dryer (TAD) that incorporates a 124 million Btu per hour, natural gas/propane-fired burner and a Yankee dryer that incorporates two 9 million Btu per hour, natural gas/propane-fired burners. The burners described herein shall all be low nitrogen oxides (low NO<sub>x</sub>) type burners.

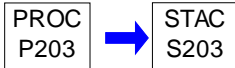
**\*\*\* Permit Shield in Effect. \*\*\***

**SECTION D. Source Level Requirements**

Source ID: P203

Source Name: #2 PAPER MACHINE GLUE CONTAINMENT AREA

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for the permit condition is derived from 25 Pa. Code Sections 127.1, 127.12, 127.201 through 127.218 and 129.99]

The total combined emission of volatile organic compounds from Source P202 and Source P203 shall not exceed 12.38 pounds per hour while manufacturing paper towel and total combined emission of volatile organic compounds from Source P202 and Source P203 shall not exceed 6.55 pounds per hour while manufacturing tissue paper.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

**IV. RECORDKEEPING REQUIREMENTS.**

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

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.**

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

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

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

Source P203 is the glue containment area of paper machine #2.

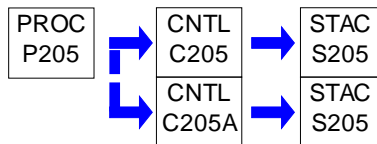
**\*\*\* Permit Shield in Effect. \*\*\***

**SECTION D. Source Level Requirements**

Source ID: P205

Source Name: #2 PAPER MACHINE DRY-END

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

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

The emission of total filterable particulate matter from Source P205 shall not exceed 0.0024 grains per dry standard cubic foot and 0.83 pounds per hour while manufacturing paper towel, the emission of total filterable PM-10 (particulate matter with an aerodynamic diameter of 10 microns or less) from Source P205 shall not exceed 0.0023 grains per dry standard cubic foot and 0.79 pounds per hour while manufacturing paper towel and the emission of condensable particulate matter from Source P205 shall not exceed 0.0116 grains per dry standard cubic foot and 4.67 pounds per hour while manufacturing paper towel.

Compliance with this permit condition also ensures compliance with 25 Pa. Code Section 123.13.

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

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

The emission of total filterable particulate matter from Source P205 shall not exceed 0.0024 grains per dry standard cubic foot and 0.83 pounds per hour while manufacturing tissue paper, the emission of total filterable PM-10 (particulate matter with an aerodynamic diameter of 10 microns or less) from Source P205 shall not exceed 0.0024 grains per dry standard cubic foot and 0.79 pounds per hour while manufacturing tissue paper and the emission of condensable particulate matter from Source P205 shall not exceed 0.0042 grains per dry standard cubic foot and 1.18 pounds per hour while manufacturing tissue paper.

Compliance with this permit condition also ensures compliance with 25 Pa. Code Section 123.13.

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

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

The total emission of particulate matter from Source P205 shall not exceed 23.90 tons in any 12 consecutive month period.

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

The emission of volatile organic compounds from Source P105 and Source P205 resulting from the use of rethreading glue shall not exceed 0.19 tons in any 12 consecutive month period.

**II. TESTING REQUIREMENTS.**

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

**SECTION D. Source Level Requirements****III. MONITORING REQUIREMENTS.****# 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, as well as 40 CFR Part 64 Section 64.6]

Control Device C205 shall be equipped with instrumentation which continuously monitors the differential pressure across Control Device C205, as well as equipped with instrumentation which continuously monitors the recirculation and continuous bleed flows of Control Device C205.

**# 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, as well as 40 CFR Part 64 Section 64.6]

Control Device C205A shall be equipped with instrumentation which continuously monitors the differential pressure across Control Device C205A, as well as equipped with instrumentation which continuously monitors the recirculation flow of Control Device C205A.

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

[Additional authority for this permit condition is derived from 40 CFR Section 64.9]

Except as noted in 40 CFR Section 64.7(c), instrumentation shall continuously monitor the differential pressure across Control Device C205, as well as continuously monitor the recirculation and continuous bleed flows of Control Device C205, any time Source P205 is operating and the permittee shall record these parameters at least once per 12 hour operating shift. All records generated pursuant to this condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

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

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

- (1) The identity, the amount and the volatile organic compound content of the rethreading glue used in Source P205 each month.
- (2) The calculations, as well as any background information, used to verify compliance with the particulate matter and volatile organic compound emission limitations established for Source P205 each month.

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

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

[Additional authority for this permit condition is derived from 40 CFR Section 64.9]

Except as noted in 40 CFR Section 64.7(c), instrumentation shall continuously monitor the differential pressure across Control Device C205A, as well as continuously monitor the recirculation flow of Control Device C205A, any time Source P205 is operating and the permittee shall record these parameters at least once per 12 hour operating shift. All records generated pursuant to this condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

**# 010 [25 Pa. Code §129.115]****Written notification, compliance demonstration and recordkeeping and reporting requirements**

The permittee shall maintain records that demonstrate to the Department that Source ID P205 is not subject to 25 Pa. Code §129.112 based on the potential to emit not exceeding the specified emission rate threshold of 1 ton per year of VOCs.

**SECTION D. Source Level Requirements****V. REPORTING REQUIREMENTS.****# 011 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Pursuant to the compliance assurance monitoring requirements of 40 CFR Sections 64.6 and 64.9, the permittee shall submit the following reports on a semi-annual basis:

- (1) Summary information on the duration and cause (including unknown cause, if applicable) of excursions of the CAM indicators and corrective actions taken.
- (2) Summary information on the duration and cause (including unknown cause, if applicable) for monitor downtime incidents (other than downtime associated with calibration checks).

The semi-annual reports shall be submitted to the Department by no later than January 31 (for the immediately preceding July 1 through December 31 period) and July 31 (for the immediately preceding January 1 through June 30 period).

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

The permittee shall submit semi-annual reports of the following:

- (1) The identity, the amount and the volatile organic compound content of the rethreading glue used in Source P205 each month during the respective semi-annual period.
- (2) The calculations, as well as any background information, used to verify compliance with the particulate matter and volatile organic compound emission limitations established for Source P205 each month during the respective semi-annual period.

The semi-annual reports shall be submitted to the Department by no later than January 31 (for the immediately preceding July 1 through December 31 period) and July 31 (for the immediately preceding January 1 through June 30 period).

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

[Additional authority for this permit condition is derived from 40 CFR Section 64.8]

- (1) The permittee shall develop and implement a Quality Improvement Plan (QIP) as expeditiously as practicable if any of the following occur:
  - (a) Six (6) excursions occur in a six (6) month reporting period.
  - (b) The Department determines after review of all reported information that the permittee has not responded acceptably to an excursion.
- (2) The QIP should be developed within 60 days and the permittee shall provide a copy of the QIP to the Department. Furthermore, the permittee shall notify the Department if the period for completing the improvements contained in the QIP exceeds 180 days from the date on which the need to implement the QIP was determined.
- (3) The permittee shall record actions taken to implement a QIP during a reporting period and all related actions including, but not limited to, inspections, repairs, and maintenance performed on Control Device C205 and/or Control Device C205A.
- (4) In accordance with 40 CFR Section 64.8, the QIP shall include procedures for evaluating the control performance problems. Based on the results of the evaluation procedures, the permittee shall modify the QIP and provide the Department with a copy, to include procedures for conducting more frequent, or improved, monitoring in conjunction with one or more of the following:
  - (a) Improved preventive maintenance practices,
  - (b) Process operation changes,
  - (c) Appropriate improvements to the control methods,
  - (d) Other steps appropriate to correct performance.
- (5) Following implementation of a QIP, the Department will require reasonable revisions to the QIP if the plan has failed to either:
  - (a) Address the cause of the performance problems of Control Device C205 and/or Control Device C205A.
  - (b) Provide adequate procedures for correcting the performance problems of Control Device C205 and/or Control Device C205A in as expeditiously as practicable in accordance with good air pollution control practices for minimizing emissions.
- (6) Implementation of a QIP shall not excuse the permittee from compliance with any existing emission limitation or

**SECTION D. Source Level Requirements**

standard or any existing monitoring, testing, reporting or recordkeeping requirements that may apply under any federal, state, or local laws or any other applicable requirements under the Clean Air Act.

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

[Additional authority for the permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12, as well as 40 CFR Part 64 Section 64.6]

The recirculation and continuous bleed flows of Control Device C205 shall be maintained at or above 850 gallons per minute and 2.0 gallons per minute, respectively, and the differential pressure across the Control Device C205 shall be maintained at a minimum of 12 inches of water, at all times the control device is in operation.

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

[Additional authority for the permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12, as well as 40 CFR Part 64 Section 64.6]

The recirculation flow of Control Device C205A shall be maintained at or above 150 gallons per minute and the differential pressure across the Control Device C205A shall be maintained at a minimum of 4 inches of water, at all times the control device is in operation.

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

Pursuant to the compliance assurance monitoring requirements of 40 CFR Section 64.6, the permittee shall conduct the monitoring and fulfill the other obligations (i.e., proper monitor maintenance, corrective actions, etc.) specified in 40 CFR Section 64.7.

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

[Additional authority for this permit condition is derived from 40 CFR Part 64 Section 64.7]

Upon detecting an excursion, as defined in 40 CFR Section 64.1, of the Compliance Assurance Monitoring (CAM) indicator ranges established herein, the permittee shall restore operation of Source P205 and/or Control Device C205 to its normal or usual manner of operation as expeditiously as practicable in accordance with good air pollution control practices for minimizing emissions. The response shall include minimizing the period of any startup, shutdown or malfunction and taking any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of the excursion.

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

Source P205 is subject to the monitoring requirements specified in the provisions of 40 CFR Part 64 (Compliance Assurance Monitoring (CAM)). The permittee shall comply with the requirements specified in 40 CFR Sections 64.1 through 64.10.

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

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

Source P205 is the dry-end of paper machine #2, the air contaminant emissions from which shall be controlled by an EnviroLogic variable throat venturi scrubber incorporating a chevron mist eliminator (Control Device C205) and by a Brunnschweiler variable throat venturi scrubber incorporating a chevron mist eliminator (Control Device C205A).

**\*\*\* Permit Shield in Effect. \*\*\***

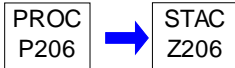


**SECTION D. Source Level Requirements**

Source ID: P206

Source Name: #2 PAPER MACHINE DAF CLARIFIER

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for the permit condition is derived from 25 Pa. Code Sections 127.1, 127.12 and 127.201 through 127.218]

The emission of volatile organic compounds from Source P206 shall not exceed 0.15 pounds per hour while manufacturing paper towel and 0.013 pounds per hour while manufacturing tissue paper.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

**IV. RECORDKEEPING REQUIREMENTS.**

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

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.**

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

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

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

Source P206 is a Dissolved Air Floatation (DAF) clarifier for paper machine #2.

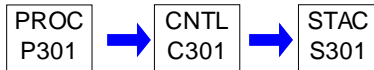
**\*\*\* Permit Shield in Effect. \*\*\***

**SECTION D. Source Level Requirements**

Source ID: P301

Source Name: #3 PAPER MACHINE WET-END

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

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

The emission of particulate matter, including PM-10 (particulate matter with an aerodynamic diameter of 10 microns or less), from Source P301 shall not exceed 0.0042 grains per dry standard cubic foot, 4.00 pounds per hour and 17.52 tons in any 12 consecutive month period.

Compliance with this permit condition also ensures compliance with 25 Pa. Code Section 123.13.

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

(1) Within 120 days following the commencement of operation of paper machine #3, stack testing shall be performed on Source P301 to demonstrate compliance with the particulate matter emission limitations while the paper machine is operating at its normal maximum rate of production.

(2) At least 60 days prior to the performance of any testing required herein, the permittee shall submit three printed copies and an electronic copy in pdf format of a pretest protocol to the Northcentral Regional Air Program Manager for review. This protocol shall describe the test methods and procedures to be used in the performance of testing, and shall include dimensioned sketches of the exhaust system showing the locations of all proposed sampling ports. The protocol shall also identify all process data which will be monitored and recorded during the performance of testing.

(3) At least 10 days prior to the performance of any testing required herein, the permittee shall notify the Department of the actual date(s) and time(s) that testing will occur so that Department personnel can arrange to be present during testing. The Department is under no obligation to accept the results of any testing performed without proper notification having first been given.

**III. MONITORING REQUIREMENTS.****# 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]

Control Device C301 shall be equipped with instrumentation which continuously monitors the differential pressure across the device.

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

The permittee shall maintain accurate and comprehensive records of the calculations, as well as any background information, used to verify compliance with the particulate matter emission limitation established for Source P301 for each month. All records generated pursuant to this condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

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

Within 60 days following the completion of any testing required herein, the permittee shall submit three copies of a test report to the Department. This test report shall contain the results of the testing, a description of the test methods and procedures actually used, copies of all raw test data with sample calculations and copies of all process data recorded during testing. The results of all testing shall be expressed in units which will allow direct comparisons to the emissions limitations specified herein.

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

The permittee shall submit semi-annual reports of the calculations, as well as any background information, used to verify compliance with the particulate matter emission limitation established for Source P301 for each month during the respective semi-annual period. The semi-annual reports shall be submitted to the Department by no later than January 31 (for the immediately preceding July 1 through December 31 period) and July 31 (for the immediately preceding January 1 through June 30 period).

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

The permittee shall maintain a minimum differential pressure of 0.5 inches of water at all times Control Device P301 is operated. The value of this parameter may be modified following the satisfactory completion of stack testing of Source P301 if the Department determines this parameter value not to be indicative of proper operation of the control device.

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

Within 120 days following the completion of stack testing required to demonstrate initial compliance with the particulate matter emission limitations specified herein, the permittee shall submit a Compliance Assurance Monitoring (CAM) plan which satisfies all requirements specified in 40 CFR Sections 64.1 through 64.10 for Control Device C301.

**# 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]

Source P301 is the wet-end of paper machine #3, the air contaminant emissions from which shall be controlled by a cyclone separator with a diameter, cylinder length and cone length of 11 feet, 12 feet and 25 feet, respectively (Control Device C301).

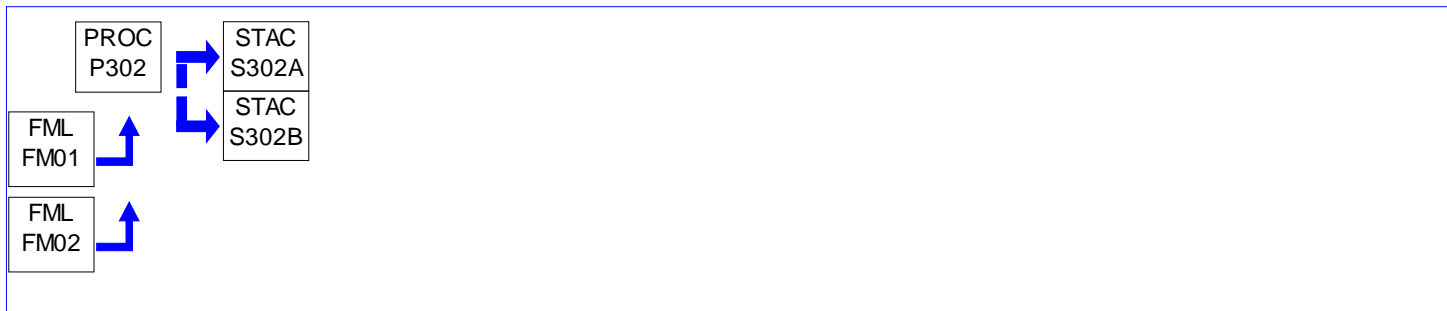
\*\*\* **Permit Shield in Effect.** \*\*\*

**SECTION D. Source Level Requirements**

Source ID: P302

Source Name: #3 PAPER MACHINE WET-END DRYER/GLUE CONTAINMENT AREA

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.21]****General**

The permittee shall not permit the emission of sulfur oxides, expressed as SO<sub>2</sub>, into the outdoor atmosphere from Source P302 in such 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 §127.441]****Operating permit terms and conditions.**

[Additional authority for the permit condition is derived from 25 Pa. Code Sections 127.1, 127.12 and 127.201 through 127.218]

The emission of nitrogen oxides (NO<sub>x</sub>, expressed as NO<sub>2</sub>) from Source P302 shall not exceed 42 ppmvd @ 3% oxygen, 0.05 pounds per million Btu, 5.25 pounds per hour and 23.00 tons in any 12 consecutive month period.

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

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

The emission of carbon monoxide from Source P302 shall not exceed 208 ppmvd @ 3% oxygen, 0.15 pounds per million Btu, 15.75 pounds per hour and 68.99 tons in any 12 consecutive month period.

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

[Additional authority for the permit condition is derived from 25 Pa. Code Sections 127.1, 127.12 and 127.201 through 127.218]

The emission of volatile organic compounds from Source P302 shall not exceed 6.37 pounds per hour when manufacturing paper towel and shall not exceed 5.08 pounds per hour when manufacturing tissue paper. The total combined emission of volatile organic compounds from Source P302 shall not exceed 27.90 tons in any 12 consecutive month period.

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

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

The emission of particulate matter, including PM-10 (particulate matter with an aerodynamic diameter of 10 microns or less), from Source P302 shall not exceed 0.0093 grains per dry standard cubic foot, 6.56 pounds per hour and 28.73 tons in any 12 consecutive month period.

Compliance with this permit condition also ensures compliance with 25 Pa. Code Section 123.13.

**SECTION D. Source Level Requirements****Fuel Restriction(s).****# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for the permit condition is derived from 25 Pa. Code Sections 127.1, 127.12 and 127.201 through 127.218]

The in-line duct burner for the TAD incorporated in Source P302 shall only be fired on natural gas or propane.

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

(1) Within 120 days following the commencement of operation of paper machine #3, stack testing shall be performed on Source P302 to demonstrate compliance with the nitrogen oxides (NO<sub>x</sub>, expressed as NO<sub>2</sub>), carbon monoxide, volatile organic compound and particulate matter emission limitations while the paper machine is operating at its normal maximum rate of production. The nitrogen oxides, carbon monoxide and particulate matter emissions shall be collected at the TAD stack only, whereas, the volatile organic compound emissions shall be collected at the TAD and glue containment area stacks simultaneously. Within 120 days after changing from the production of paper towel to the production of tissue paper, or vice versa, stack testing shall be performed on Source P302 to demonstrate compliance with the volatile organic compound emission limitations while the paper machine is operating at its normal maximum rate of production.

(2) At least 60 days prior to the performance of any testing required herein, the permittee shall submit three printed copies and an electronic copy in pdf format of a pretest protocol to the Northcentral Regional Air Program Manager for review. This protocol shall describe the test methods and procedures to be used in the performance of testing, and shall include dimensioned sketches of the exhaust system showing the locations of all proposed sampling ports. The protocol shall also identify all process data which will be monitored and recorded during the performance of testing.

(3) At least 10 days prior to the performance of any testing required herein, the permittee shall notify the Department of the actual date(s) and time(s) that testing will occur so that Department personnel can arrange to be present during testing. The Department is under no obligation to accept the results of any testing performed without proper notification having first been given.

**III. MONITORING REQUIREMENTS.**

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

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

The permittee shall maintain accurate and comprehensive records of the calculations, as well as any background information, used to verify compliance with the nitrogen oxides (NO<sub>x</sub>, expressed as NO<sub>2</sub>), carbon monoxide, volatile organic compound and particulate matter emission limitations established for Source P302 for each month. All records generated pursuant to this condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

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

Within 60 days following the completion of any testing required herein, the permittee shall submit three copies of a test report to the Department. This test report shall contain the results of the testing, a description of the test methods and procedures actually used, copies of all raw test data with sample calculations and copies of all process data recorded during testing. The results of all testing shall be expressed in units which will allow direct comparisons to the emissions limitations specified herein.

**SECTION D. Source Level Requirements****# 010 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall submit semi-annual reports of the calculations, as well as any background information, used to verify compliance with the nitrogen oxides (NO<sub>x</sub>, expressed as NO<sub>2</sub>), carbon monoxide, volatile organic compound and particulate matter emission limitations established for Source P302 for each month during the respective semi-annual period. The semi-annual reports shall be submitted to the Department by no later than January 31 (for the immediately preceding July 1 through December 31 period) and July 31 (for the immediately preceding January 1 through June 30 period).

**VI. WORK PRACTICE REQUIREMENTS.**

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

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

[Additional authority for the permit condition is derived from 25 Pa. Code Sections 127.1, 127.12 and 127.201 through 127.218]

Source P302 is the wet-end dryer section and glue containment area of paper machine #3. The wet-end dryer section is comprised of a Through-Air-Dryer (TAD) that incorporates a 105 million Btu per hour, natural gas/propane-fired ProLine (or equivalent, as determined by the Department) low NO<sub>x</sub>, in-line duct burner.

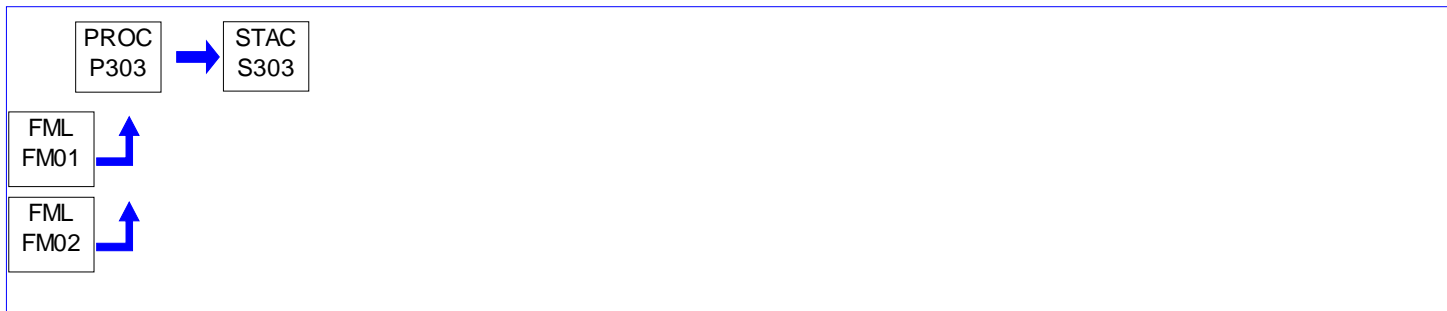
**\*\*\* Permit Shield in Effect. \*\*\***

**SECTION D. Source Level Requirements**

Source ID: P303

Source Name: #3 PAPER MACHINE DRY-END DRYER

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.21]****General**

The permittee shall not permit the emission of sulfur oxides, expressed as SO<sub>2</sub>, into the outdoor atmosphere from Source P303 in such 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 §127.441]****Operating permit terms and conditions.**

[Additional authority for the permit condition is derived from 25 Pa. Code Sections 127.1, 127.12 and 127.201 through 127.218]

The emission of nitrogen oxides (NO<sub>x</sub>, expressed as NO<sub>2</sub>) from Source P303 shall not exceed 42 ppmvd @ 3% oxygen, 0.05 pounds per million Btu, 3.90 pounds per hour and 17.08 tons in any 12 consecutive month period.

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

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

The emission of carbon monoxide from Source P303 shall not exceed 208 ppmvd @ 3% oxygen, 0.15 pounds per million Btu, 11.70 pounds per hour and 51.25 tons in any 12 consecutive month period.

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

[Additional authority for the permit condition is derived from 25 Pa. Code Sections 127.1, 127.12 and 127.201 through 127.218]

The emission of volatile organic compounds from Source P303 shall not exceed 4.98 pounds per hour when manufacturing paper towel and shall not exceed 3.92 pounds per hour when manufacturing tissue paper. The total combined emission of volatile organic compounds from Source P303 shall not exceed 21.81 tons in any 12 consecutive month period.

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

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

The emission of particulate matter, including PM-10 (particulate matter with an aerodynamic diameter of 10 microns or less), from Source P303 shall not exceed 0.0085 grains per dry standard cubic foot, 6.56 pounds per hour and 28.73 tons in any 12 consecutive month period.

Compliance with this permit condition also ensures compliance with 25 Pa. Code Section 123.13.

**SECTION D. Source Level Requirements****Fuel Restriction(s).****# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for the permit condition is derived from 25 Pa. Code Sections 127.1, 127.12 and 127.201 through 127.218]

The in-line duct burners for the TAD and yankee dryer incorporated in Source P303 shall only be fired on natural gas or propane.

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

(1) Within 120 days following the commencement of operation of paper machine #3, stack testing shall be performed on Source P303 to demonstrate compliance with the nitrogen oxides (NO<sub>x</sub>, expressed as NO<sub>2</sub>), carbon monoxide, volatile organic compound and particulate matter emission limitations while the paper machine is operating at its normal maximum rate of production. Within 120 days after changing from the production of paper towel to the production of tissue paper, or vice versa, stack testing shall be performed on Source P303 to demonstrate compliance with the volatile organic compound emission limitations while the paper machine is operating at its normal maximum rate of production.

(2) At least 60 days prior to the performance of any testing required herein, the permittee shall submit three printed copies and an electronic copy in pdf format of a pretest protocol to the Northcentral Regional Air Program Manager for review. This protocol shall describe the test methods and procedures to be used in the performance of testing, and shall include dimensioned sketches of the exhaust system showing the locations of all proposed sampling ports. The protocol shall also identify all process data which will be monitored and recorded during the performance of testing.

(3) At least 10 days prior to the performance of any testing required herein, the permittee shall notify the Department of the actual date(s) and time(s) that testing will occur so that Department personnel can arrange to be present during testing. The Department is under no obligation to accept the results of any testing performed without proper notification having first been given.

**III. MONITORING REQUIREMENTS.**

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

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

The permittee shall maintain accurate and comprehensive records of the calculations, as well as any background information, used to verify compliance with the nitrogen oxides (NO<sub>x</sub>, expressed as NO<sub>2</sub>), carbon monoxide, volatile organic compound and particulate matter emission limitations established for Source P303 for each month. All records generated pursuant to this condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

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

Within 60 days following the completion of any testing required herein, the permittee shall submit three copies of a test report to the Department. This test report shall contain the results of the testing, a description of the test methods and procedures actually used, copies of all raw test data with sample calculations and copies of all process data recorded during testing. The results of all testing shall be expressed in units which will allow direct comparisons to the emissions limitations specified herein.

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

The permittee shall submit semi-annual reports of the calculations, as well as any background information, used to verify



**SECTION D. Source Level Requirements**

compliance with the nitrogen oxides (NO<sub>x</sub>, expressed as NO<sub>2</sub>), carbon monoxide, volatile organic compound and particulate matter emission limitations established for Source P303 for each month during the respective semi-annual period. The semi-annual reports shall be submitted to the Department by no later than January 31 (for the immediately preceding July 1 through December 31 period) and July 31 (for the immediately preceding January 1 through June 30 period).

**VI. WORK PRACTICE REQUIREMENTS.**

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

**VII. ADDITIONAL REQUIREMENTS.**

**# 011 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

[Additional authority for the permit condition is derived from 25 Pa. Code Sections 127.1, 127.12 and 127.201 through 127.218]

Source P303 is the dry-end dryer section of paper machine #3 comprised of a Through-Air-Dryer (TAD) that incorporates a 65 million Btu per hour, natural gas/propane-fired ProLine (or equivalent, as determined by the Department) low NO<sub>x</sub>, in-line duct burner and a yankee dryer that incorporates a 13 million Btu per hour, natural gas/propane-fired ProLine (or equivalent, as determined by the Department) low NO<sub>x</sub>, in-line duct burner.

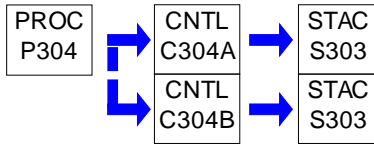
**\*\*\* Permit Shield in Effect. \*\*\***

**SECTION D. Source Level Requirements**

Source ID: P304

Source Name: #3 PAPER MACHINE DRY-END

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

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

The emission of particulate matter, including PM-10 (particulate matter with an aerodynamic diameter of 10 microns or less), from Source P304 shall not exceed 0.0091 grains per dry standard cubic foot and 8.19 pounds per hour when manufacturing paper towel, and shall not exceed 0.0047 grains per dry standard cubic foot and 4.25 pounds per hour when manufacturing tissue paper. The total combined emission of particulate matter, including PM-10, from Source P304 shall not exceed 35.87 tons in any 12 consecutive month period.

Compliance with this permit condition also ensures compliance with 25 Pa. Code Section 123.13.

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

- (1) Within 120 days following the commencement of operation of paper machine #3, stack testing shall be performed on Source P304 to demonstrate compliance with the particulate matter emission limitations while the paper machine is operating at its normal maximum rate of production. Within 120 days after changing from the production of paper towel to the production of tissue paper, or vice versa, stack testing shall be performed on Source P304 to demonstrate compliance with the particulate matter emission limitations while the paper machine is operating at its normal maximum rate of production.
- (2) At least 60 days prior to the performance of any testing required herein, the permittee shall submit three printed copies and an electronic copy in ptf format of a pretest protocol to the Northcentral Regional Air Program Manager for review. This protocol shall describe the test methods and procedures to be used in the performance of testing, and shall include dimensioned sketches of the exhaust system showing the locations of all proposed sampling ports. The protocol shall also identify all process data which will be monitored and recorded during the performance of testing.
- (3) At least 10 days prior to the performance of any testing required herein, the permittee shall notify the Department of the actual date(s) and time(s) that testing will occur so that Department personnel can arrange to be present during testing. The Department is under no obligation to accept the results of any testing performed without proper notification having first been given.

**III. MONITORING REQUIREMENTS.****# 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]

Control Device C304A and Control Device C304B shall each be equipped with instrumentation which continuously monitors the differential pressure across the device, as well as instrumentation which continuously monitors the recirculation and bleed flow rates of Control Device C304A and Control Device C304B.

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

The permittee shall maintain accurate and comprehensive records of the calculations, as well as any background information, used to verify compliance with the particulate matter emission limitation established for Source P304 for each month. All records generated pursuant to this condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

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

The permittee shall submit semi-annual reports of the calculations, as well as any background information, used to verify compliance with the particulate matter emission limitation established for Source P304 for each month during the respective semi-annual period. The semi-annual reports shall be submitted to the Department by no later than January 31 (for the immediately preceding July 1 through December 31 period) and July 31 (for the immediately preceding January 1 through June 30 period).

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

Within 60 days following the completion of any testing required herein, the permittee shall submit three copies of a test report to the Department. This test report shall contain the results of the testing, a description of the test methods and procedures actually used, copies of all raw test data with sample calculations and copies of all process data recorded during testing. The results of all testing shall be expressed in units which will allow direct comparisons to the emissions limitations specified herein.

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

The permittee shall maintain a minimum differential pressure of 12 inches of water, as well as minimum recirculation and bleed flow rates of 750 gallons and 100 gallons per minute, respectively, at all times Control Device P304A is operated. The value of these parameters may be modified following the satisfactory completion of stack testing of Source P304 if the Department determines any parameter value not to be indicative of proper operation of the control device.

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

The permittee shall maintain a minimum differential pressure of 12 inches of water, as well as minimum recirculation and bleed flow rates of 450 gallons and 55 gallons per minute, respectively, at all times Control Device P304B is operated. The value of these parameters may be modified following the satisfactory completion of stack testing of Source P304 if the Department determines any parameter value not to be indicative of proper operation of the control device.

**VII. ADDITIONAL REQUIREMENTS.****# 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]

Source P304 is the dry-end of paper machine #3, the air contaminant emissions from which shall be controlled by a 75,000 cubic feet per minute, EnviroLogic variable throat venturi scrubber incorporating a mist eliminator comprised of a 2" polypropylene mesh section and a 6 5/16" stainless steel chevron section (Control Device C304A) and a 44,000 cubic feet per minute, EnviroLogic variable throat venturi scrubber incorporating a mist eliminator comprised of a 7 7/16" stainless steel chevron section and a 6" polypropylene mesh section (Control Device C304B).

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

Within 120 days following the completion of stack testing required to demonstrate initial compliance with the particulate matter emission limitations specified herein, the permittee shall submit a Compliance Assurance Monitoring (CAM) plan

**SECTION D. Source Level Requirements**

which satisfies all requirements specified in 40 CFR Sections 64.1 through 64.10 for Control Device C304A and Control Device C304B.

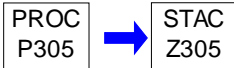
**\*\*\* Permit Shield in Effect. \*\*\***

**SECTION D. Source Level Requirements**

Source ID: P305

Source Name: #3 PAPER MACHINE DAF CLARIFIER

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for the permit condition is derived from 25 Pa. Code Sections 127.1, 127.12 and 127.201 through 127.218]

The emission of volatile organic compounds from Source P305 shall not exceed 1.59 tons in any 12 consecutive month period.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

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

The permittee shall maintain accurate and comprehensive records of the calculations, as well as any background information including WinGEMS input data, used to verify compliance with the volatile organic compound emission limitation established for Source P305 for each month. All records generated pursuant to this condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

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

The permittee shall submit semi-annual reports of the calculations, as well as any background information including WinGEMS input data, used to verify compliance with the volatile organic compound emission limitation established for Source 035 for each month during the respective semiannual period. The semi-annual reports shall be submitted to the Department by no later than January 31 (for the immediately preceding July 1 through December 31 period) and July 31 (for the immediately preceding January 1 through June 30 period).

**VI. WORK PRACTICE REQUIREMENTS.**

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

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

[Additional authority for the permit condition is derived from 25 Pa. Code Sections 127.1, 127.12 and 127.201 through 127.218]

Source P305 is a Dissolved Air Floatation (DAF) clarifier for paper machine #3.

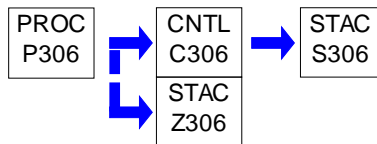
**\*\*\* Permit Shield in Effect. \*\*\***

**SECTION D. Source Level Requirements**

Source ID: P306

Source Name: #3 PAPER MACHINE CONVERTING AREA

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

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

The emission of particulate matter, including PM-10 (particulate matter with an aerodynamic diameter of 10 microns or less), from Source P306 shall not exceed 0.0015 grains per dry standard cubic foot, 0.10 pounds per hour and 0.44 tons in any 12 consecutive month period.

Compliance with this permit condition also ensures compliance with 25 Pa. Code Section 123.13.

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

[Additional authority for the permit condition is derived from 25 Pa. Code Sections 127.1, 127.12 and 127.201 through 127.218]

The total combined emission of volatile organic compounds from the use of adhesives in Source P306 shall not exceed 3.48 tons in any 12 consecutive month period.

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

[Additional authority for the permit condition is derived from 25 Pa. Code Sections 127.1, 127.12 and 127.201 through 127.218]

The total combined emission of volatile organic compounds from the use of inks and cleaning solvents in the printers incorporated in Source P306 shall not exceed 0.26 tons in any 12 consecutive month period.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.****# 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]

Control Device C306 shall be equipped with instrumentation which continuously monitors the differential pressure across the device, as well as instrumentation which continuously monitors the recirculation and bleed flow rates of Control Device C306.

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

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

- (1) The type, amount (expressed as gallons) and volatile organic compound-content of each adhesive used in Source P306 for each month.
- (2) The type, amount (expressed as gallons) and volatile organic compound-content of each ink and associated cleaning solvent used in Source P306 for each month.
- (3) The calculations, as well as any background information, used to verify compliance with the particulate matter emission limitation established for Source P306 for each month.
- (4) The calculations, as well as any background information, used to verify compliance with the volatile organic compound emission limitations established for adhesives used in Source P306 for each month.
- (5) The calculations, as well as any background information, used to verify compliance with the volatile organic compound emission limitations established for inks and cleaning solvents used in Source P306 for each month.

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

**V. REPORTING REQUIREMENTS.****# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall submit semi-annual reports of the following:

- (1) The type, amount (expressed as gallons) and volatile organic compound-content of each adhesive used in Source P306 for each month during the respective semi-annual period.
- (2) The type, amount (expressed as gallons) and volatile organic compound-content of each ink and associated cleaning solvent used in Source P306 for each month during the respective semi-annual period.
- (3) The calculations, as well as any background information, used to verify compliance with the particulate matter emission limitation established for Source P306 for each month during the respective semi-annual period.
- (4) The calculations, as well as any background information, used to verify compliance with the volatile organic compound emission limitations established for adhesives used in Source P306 for each month during the respective semi-annual period.
- (5) The calculations, as well as any background information, used to verify compliance with the volatile organic compound emission limitations established for inks and cleaning solvents used in Source P306 for each month during the respective semi-annual period.

The semi-annual reports shall be submitted to the Department by no later than January 31 (for the immediately preceding July 1 through December 31 period) and July 31 (for the immediately preceding January 1 through June 30 period).

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

[Additional authority for the permit condition is derived from 25 Pa. Code Sections 127.1, 127.12 and 127.201 through 127.217]

The volatile organic compound content of each of the adhesives listed below shall not exceed the limitations specified below. The Department may revise these limitations in response to a request by the permittee which includes justification for a change in materials and documentation of investigation of alternative materials potentially emitting less volatile organic compounds. Prior Department approval is required for use of alternate materials containing hazardous air pollutants or materials with a higher volatile organic compound content than is specified herein. Substitution of non-hazardous air pollutant containing materials with lower volatile organic compound content than are specified herein may be made without prior Department approval. In such instances notification and supporting documentation must be submitted to the Department within seven days following the substitution.



**SECTION D. Source Level Requirements**

Adhesive – VOC Content

- (1) Laminating Glue – 0.005 pounds per gallon
- (2) Tail Tie – 0.008 pounds per gallon
- (3) Transfer Glue – 0.010 pounds per gallon
- (4) Core Glue – 0.008 pounds per gallon
- (5) Case Glue – 0.000 pounds per gallon

**# 008 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

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

The adhesives, inks and cleaning solvents used in Source P306 shall not contain detectable amounts of hazardous air pollutants.

**# 009 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

The permittee shall maintain a minimum differential pressure of 10 inches of water and a minimum recirculation flow rate of 100 gallons per minute at all times Control Device P306 is operated. The value of these parameters may be modified if the Department determines any parameter value not to be indicative of proper operation of the control device.

**# 010 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

[Additional authority for the permit condition is derived from 25 Pa. Code Sections 127.1, 127.12 and 127.201 through 127.217]

The volatile organic compound content of the inks and cleanup solvents used in the printers incorporated in Source P306 shall not exceed 3.06 pounds per gallon and 1.06 pounds per gallon, respectively.

**VII. ADDITIONAL REQUIREMENTS.**

**# 011 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

[Additional authority for the permit condition is derived from 25 Pa. Code Sections 127.1, 127.12 and 127.201 through 127.218]

Source P306 is a converting area comprised of four (4) converting lines which incorporate adhesive application operations and printers. The particulate matter emissions from the laminating sections incorporated in the converting lines shall be controlled by a Sorgato variable throat venturi scrubber (Control Device C306).

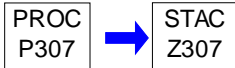
**\*\*\* Permit Shield in Effect. \*\*\***

**SECTION D. Source Level Requirements**

Source ID: P307

Source Name: #3 PAPER MACHINE STORAGE TANKS

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for the permit condition is derived from 25 Pa. Code Sections 127.1, 127.12 and 127.201 through 127.218]

The total combined emission of volatile organic compounds from the storage tanks incorporated Source P307 shall not exceed 0.07 tons in any 12 consecutive month period.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

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

The permittee shall maintain accurate and comprehensive records of the calculations, as well as any background information, used to verify compliance with the volatile organic compound emission limitation for Source P307 for each month. All records generated pursuant to this condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

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

The permittee shall submit semi-annual reports of the calculations, as well as any background information, used to verify compliance with the volatile organic compound emission limitation for Source P307 for each month during the respective semi-annual period. The semi-annual reports shall be submitted to the Department by no later than January 31 (for the immediately preceding July 1 through December 31 period) and July 31 (for the immediately preceding January 1 through June 30 period).

**VI. WORK PRACTICE REQUIREMENTS.**

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

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

[Additional authority for the permit condition is derived from 25 Pa. Code Sections 127.1, 127.12 and 127.201 through 127.218]

Source P307 is comprised of three (3) 13,000 gallon wet strength storage tanks, one (1) 10,000 gallon crepe adhesive storage tank, one (1) 4,000 dry strength storage tank and one (1) 3,400 gallon polyvinyl alcohol storage tank.

**\*\*\* Permit Shield in Effect. \*\*\***



**SECTION E. Source Group Restrictions.**

**SECTION F. Alternative Operation Requirements.**

No Alternative Operations exist for this Title V facility.

**SECTION G. Emission Restriction Summary.**

No emission restrictions listed in this section of the permit.



**SECTION H. Miscellaneous.**



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

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