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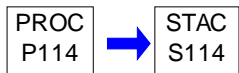
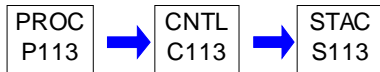
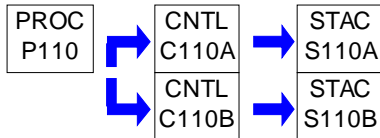
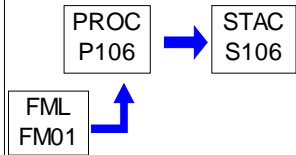
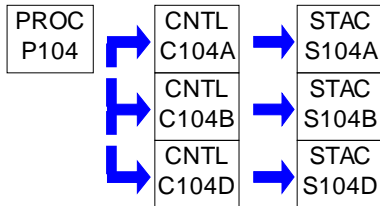
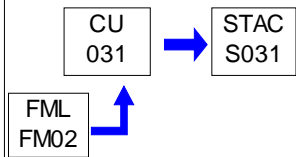
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**SECTION A. Site Inventory List**

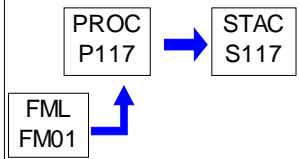
Source ID	Source Name	Capacity/Throughput	Fuel/Material
031	53 NATURAL GAS-FIRED SPACE HEATERS		
P103	CONVERTING LINES 11 - 16, 23, JP1 (24) AND JP2 (25)		
P104	CONVERTING LINES UP2 (26), JP3 (29) AND UP3 (30)		
P106	DIESEL-FIRED FIRE PUMP		
P108	FOUR (4) REMOTE RESERVOIR PARTS WASHERS		
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P114	ONE 375 HP GENERAC NG FIRED EMER. GENERATOR		
P116	CONVERTING LINE NGB03		
P117	AURORA FIRE PUMP ENGINE		
C103	IBIS/OSPREY UNITS		
C104A	IBIS/OSPREY UNIT		
C104B	IBIS/OSPREY UNIT		
C104D	IBIS/OSPREY UNIT		
C110A	IBIS/OSPREY THREE-STAGE FILTER SYSTEM		
C110B	IBIS/OSPREY THREE-STAGE FILTER SYSTEM		
C111	OSPREY THREE-STAGE FILTER SYSTEM		
C112	OSPREY FOUR-STAGE FILTER SYSTEM		
C113	IBIS FOUR STAGE FILTER SYSTEM		
C116	OSPREY FOUR STAGE FILTERATION SYSTEM		
FM01	DIESEL FUEL		
FM02	NATURAL GAS		
S031	SPACE HEATER EXHAUSTS		
S103	IBIS/OSPREY UNIT EXHAUSTS		
S104A	IBIS/OSPREY UNIT EXHAUST		
S104B	IBIS/OSPREY UNIT EXHAUST		
S104D	IBIS/OSPREY UNIT EXHAUST		
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S110A	STACK		
S110B	STACK		
S111	STACK		
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PERMIT MAPS





PERMIT MAPS



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

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

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

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

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

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

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

- (a) The permittee shall pay the annual operating permit maintenance fee according to the following fee schedule in either paragraph (1) or (2) in accordance with 25 Pa. Code § 127.703(d) on or before December 31 of each year for the next calendar year.
 - (1) For a synthetic minor facility, a fee equal to:
 - (i) Four thousand dollars (\$4,000) for calendar years 2021—2025.
 - (ii) Five thousand dollars (\$5,000) for calendar years 2026—2030.
 - (iii) Six thousand three hundred dollars (\$6,300) for the calendar years beginning with 2031.

SECTION B. General State Only Requirements

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

SECTION B. General State Only Requirements

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

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

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

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

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

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

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

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

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

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

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

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

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

SECTION B. General State Only Requirements

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

(1) Section 127.14 (relating to exemptions)

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

The permittee shall not 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 as emissions from blasting.
- (8) Sources and classes of sources other than those identified above, for which the permittee has obtained a determination from the Department that fugitive emissions from the source, after appropriate control, meet the following requirements:

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

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

The permittee shall not permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in (1) through (8) in condition #001 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 in condition #003 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 condition #001 (1) through (8).

II. TESTING REQUIREMENTS.**# 005 [25 Pa. Code §139.1]****Sampling facilities.**

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

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

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

**SECTION C. Site Level Requirements**

(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, at a minimum all of the following:

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

III. MONITORING REQUIREMENTS.**# 007 [25 Pa. Code §123.43]****Measuring techniques**

Visible emissions may be measured using either of the following:

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

IV. RECORDKEEPING REQUIREMENTS.**# 008 [25 Pa. Code §135.5]****Recordkeeping**

The permittee shall maintain and make available upon request of the Department such records, including computerized records that may be necessary to comply with 25 Pa. Code Section 135.3. These may include records of production, fuel usage, maintenance of production or pollution control equipment or other information determined by the Department to be necessary for identification and quantification of potential and actual air contaminant emissions.

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

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

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

010 [25 Pa. Code §127.442]**Reporting requirements.**

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

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

**SECTION C. Site Level Requirements**

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 DEP Regional Office Air Program Manager.

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

011 [25 Pa. Code §135.3]**Reporting**

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

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

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

VI. WORK PRACTICE REQUIREMENTS.**# 012 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

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

- (1) Use, where possible, of water or chemicals for control of dust in the demolition of buildings or structures, construction operations, the grading of roads, or the clearing of land.
- (2) Application of asphalt, oil, water or suitable chemicals on dirt roads, material stockpiles and other surfaces which may give rise to airborne dusts.
- (3) Paving and maintenance of roadways.
- (4) Prompt removal of earth or other material from paved streets onto which earth or other material has been transported by trucking or earth moving equipment, erosion by water, or other means.

**SECTION C. Site Level Requirements****VII. ADDITIONAL REQUIREMENTS.****# 013 [25 Pa. Code §121.7]****Prohibition of air pollution.**

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

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

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

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

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

VIII. COMPLIANCE CERTIFICATION.

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

IX. COMPLIANCE SCHEDULE.

No compliance milestones exist.

SECTION D. Source Level Requirements

Source ID: 031

Source Name: 53 NATURAL GAS-FIRED SPACE HEATERS

Source Capacity/Throughput:

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

001 [25 Pa. Code §123.22]

Combustion units

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

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

Fuel Restriction(s).

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from the permittee electing voluntary restriction pursuant to 25 Pa. Code Section 127.14(a)(8)]

The space heaters incorporated in Source 031 shall only be fired on natural gas.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall, upon Department request, provide analyses and/or samples of the fuel being used in Source 031.

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

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

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

VII. ADDITIONAL REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source 031 consists of 53 natural gas-fired space heaters with a combined heat input of 17,906,000 Btu per hour.

SECTION D. Source Level Requirements

Source ID: P103

Source Name: CONVERTING LINES 11 - 16, 23, JP1 (24) AND JP2 (25)

Source Capacity/Throughput:

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

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

The concentration of particulate matter in the exhaust of each individual Osprey/lbis unit incorporated in Control Device C103 associated with Source P103 shall not exceed 0.0000044 grains per dry standard cubic foot of effluent gas volume. Additionally, there shall be no visible emissions from the exhausts of Control Device C103 (other than water vapor or steam).

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

(a) The total combined volatile organic compound emissions from Sources P101, P102 and P103, including volatile organic compound emissions resulting from the use of adhesive, ink and cleanup solvent, shall not exceed 7.56 tons in any 12 consecutive month period.

(b) The total combined volatile hazardous air pollutant emissions from Sources P101, P102 and P103, including volatile hazardous air pollutant emissions resulting from the use of adhesive, ink and cleanup solvent, shall not exceed 1.34 tons in any 12 consecutive month period.

Throughput Restriction(s).

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall not use more than 517 gallons of videojet 16-42SR ink and 4100 gallons of make-up fluids in any 12 consecutive month period in the Videojet BX bag Printer 2 associated with the line 24 and 25.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

Each individual Osprey/lbis unit incorporated in Control Device C103 associated with Source P103 shall be equipped with instrumentation capable of monitoring the pressure differential across each of its three component sections (i.e., drum filter, cartridge filter and HEPA filter) on a continuous basis. Such instrumentation shall be operated at any time the respective Osprey/lbis unit is being operated.

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

(a) The permittee shall keep records of the supporting calculations for volatile organic compounds (VOCs) and hazardous air pollutants (HAPs) emissions from the Videojet BX bag Printer 2 associated with the line 24 and 25 and shall maintain documentation from the supplier/manufacturer (e.g., certified product data sheets) that certifies the VOC and individual HAP content of ink and makeup fluid use in line 24 and 25.

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

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

(a) The permittee shall keep records of the identity and amount of each ink and makeup fluid used in any printer associated with line 24 and 25 on a monthly basis. The purpose of this condition is to verify compliance with the total ink and makeup fluid usage limitations specified here in this approval as well as any existing permit condition of NMOP 18-00026 for line 24 and 25.

(b) These records 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 25 Pa. Code Sections 127.1 and 127.12]

(a) The permittee shall maintain accurate and comprehensive records of the identity and amount of each adhesive, ink, cleanup solvent and any other volatile organic compound-containing material, volatile hazardous air pollutant-containing material or acetone-containing material used in, or in association with, Sources P101, P102 and P103 during each month as well as records of the volatile organic compound content of each such material, the content of each individual volatile hazardous air pollutant in each such material and the acetone content of each such material.

(b) All records generated pursuant to this condition shall be retained for at least 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.**

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

(a) The permittee shall submit a report each year listing the identity and amount of each adhesive, ink, cleanup solvent and any other volatile organic compound-containing material, volatile hazardous air pollutant-containing material or acetone-containing material used in, or in association with, Sources P101, P102 and P103 during each month of the prior year as well as records of the volatile organic compound content of each such material, the content of each individual volatile hazardous air pollutant in each such material and the acetone content of each such material.

(b) Each annual report shall be submitted to the Department by no later than March 1 of each year (for the immediately-preceding January 1 through December 31 twelve consecutive month period).

VI. WORK PRACTICE 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]

SECTION D. Source Level Requirements

A sufficient quantity of spare drum filters, cartridge filters and HEPA filters for each Osprey/Ibis unit incorporated in Control Device C103 shall be kept onsite to be able to immediately replace any worn or damaged drum filters, cartridge filters or HEPA filters that require replacement due to deterioration resulting from the routine operation of Source P103 and the respective control devices.

010 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

Any air compressors supplying compressed air to any Osprey/Ibis unit incorporated in Control Device C103 shall be equipped with an air dryer and an oil trap.

011 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

All containers of volatile organic compound-containing materials, volatile hazardous air pollutant-containing materials and acetone-containing materials used in, or in association with, Source P103 shall be closed except when removing material from, or placing material into, the containers. Any volatile organic compound-containing, volatile hazardous air pollutant-containing or acetone-containing cleaning cloths or rags shall be stored in closed containers except when in actual use and shall never be treated in any manner which would unnecessarily promote the evaporative loss of any volatile organic compound, volatile hazardous air pollutant or acetone to the atmosphere.

VII. ADDITIONAL REQUIREMENTS.

012 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The air emissions from Videojet bag printers 2 associated with line 24 and line 25 under Source ID P103 shall be controlled by Fumex® Air Filtration Systems manufactured Model GS2-200 activated carbon absorption device.

Fumex® Air Filtration Systems manufactured Model GS2-200 shall be in operation all the time when Videojet bag printers 2 associated with line 24 and 25 are in operation.

013 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Videojet BX bag printer #2 associated with Line 24 and 25 shall be operated and maintained in accordance with manufacturer's specification and recommendation.

014 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

The adhesives used in, or in association with, Source P103 shall be restricted to hot melt adhesives which do not contain, as an intentionally-added ingredient, any volatile organic compound or volatile hazardous air pollutant. Such hot melt adhesives may however result in the emission of volatile organic compounds provided that the emissions do not exceed 0.003 pounds per pound of adhesive used.

015 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

No ink used in, or in association with, Source P103 shall contain more than 5.92 pounds of volatile organic compounds and zero pounds of volatile hazardous air pollutants per gallon except that up to 15 gallons of ink with a volatile organic compound content and volatile hazardous air pollutant content of up to 7.25 pounds per gallon of ink may be used in Sources P101, P102 and P103 combined in any 12 consecutive month period.

SECTION D. Source Level Requirements**# 016 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

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

No more than 1,800 gallons of cleanup solvent shall be used in, or in association with, Sources P101, P102 and P103 in any 12 consecutive month period. No more than 400 gallons of this 1,800 gallons may contain volatile hazardous air pollutants and the maximum volatile hazardous air pollutant content shall be 6.69 pounds per gallon of solvent.

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

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

(a) Source P103 consists of 9 converting (absorbent product manufacturing) lines [lines 11 through 16, 23, JP1 (line 24) and JP2 (line 25)].

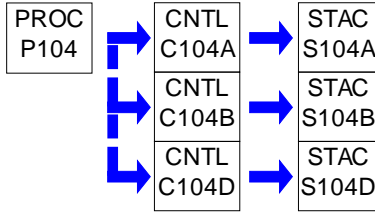
(b) The particulate matter emissions from Source P103 shall be controlled by Osprey/Ibis units (1 per line) [Control Device C103], each of which consists of a drum filter, a cartridge filter and a HEPA filter operating in series.

SECTION D. Source Level Requirements

Source ID: P104

Source Name: CONVERTING LINES UP2 (26), JP3 (29) AND UP3 (30)

Source Capacity/Throughput:



I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

The concentration of particulate matter in the exhausts of Control Devices C104A, C104B, and C104D associated with Source P104 shall not exceed 0.0000044 grains per dry standard cubic foot of effluent gas volume. Additionally, there shall be no visible emissions from the exhausts of Control Devices C104A, C104B, and C104D (other than water vapor or steam).

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

The total combined volatile organic compound emissions from Source P104, including volatile organic compounds emissions resulting from the use of adhesive, ink and cleanup solvent, shall not exceed 1.72 tons in any 12 consecutive month period and there shall be no volatile hazardous air pollutant emissions.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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 Devices C104A, C104B, and C104D associated with Source P104 shall each be equipped with instrumentation capable of monitoring the pressure differential across each of their three component sections (i.e., drum filter, cartridge filter and HEPA filter) on a continuous basis. Such instrumentation shall be operated at any time the respective control devices are being operated.

IV. RECORDKEEPING 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]

(a) The permittee shall maintain accurate and comprehensive records of the identity and amount of each adhesive, ink, cleanup solvent and any other volatile organic compound-containing material, volatile hazardous air pollutant-containing material or acetone-containing material used in, or in association with, Source P104 during each month as well as records

**SECTION D. Source Level Requirements**

of the volatile organic compound content of each such material, the content of each individual volatile hazardous air pollutant in each such material and the acetone content of each such material.

(b) All records generated pursuant to this condition shall be retained for at least 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.**

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

(a) The permittee shall submit a report each year listing the identity and amount of each adhesive, ink, cleanup solvent and any other volatile organic compound-containing material, volatile hazardous air pollutant-containing material or acetone-containing material used in, or in association with, Source P104 during each month of the prior year as well as records of the volatile organic compound content of each such material, the content of each individual volatile hazardous air pollutant in each such material and the acetone content of each such material.

(b) Each annual report shall be submitted to the Department by no later than March 1 of each year (for the immediately preceding January 1 through December 31 twelve consecutive month period).

VI. WORK PRACTICE REQUIREMENTS.**# 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]

All containers of volatile organic compound-containing materials, volatile hazardous air pollutant-containing materials and acetone-containing materials used in, or in association with, Source P104 shall be closed except when removing material from, or placing material into, the containers. Any volatile organic compound-containing, volatile hazardous air pollutant-containing or acetone-containing cleaning cloths or rags shall be stored in closed containers except when in actual use and shall never be treated in any manner which would unnecessarily promote the evaporative loss of any volatile organic compound, volatile hazardous air pollutant or acetone to the atmosphere

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

[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.14(a)(8)]

The dust collector associated with the production line #30 shall be operated and maintained as per the manufacturer's specifications and recommendations.

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

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

A sufficient quantity of spare drum filters, cartridge filters and HEPA filters for Control Devices C104A, C104B, and C104D shall be kept onsite to be able to immediately replace any worn or damaged drum filters, cartridge filters or HEPA filters that require replacement due to deterioration resulting from the routine operation of Source P104 and the respective control devices.

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]

Any air compressors supplying compressed air to Control Devices C104A, C104B, and C104D shall be equipped with an air dryer and an oil trap.

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

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

(a) Source P104 consists of three (3) converting (absorbent product manufacturing) lines [UP2 (line 26), UP3 (line 30) and associated fluff recycling operation (fiber reclamation system), and JP3 (line 29)].

(b) The particulate matter emissions from Source P104 shall be controlled by the following Ibis International or Osprey units, each of which consists of a drum filter, a cartridge filter and a HEPA filter operating in series:

(i) Line UP2 shall be controlled by an Ibis International model 8-3 (Control Device C104A) which handles an inlet gas volume of 24,000 standard cubic feet per minute.

(ii) Line UP3 shall be controlled by an Osprey model 8-4-P (Control Device C104B) which handles an inlet gas volume of 24,000 standard cubic feet per minute.

(iii) Line JP3 shall be controlled by an Ibis International model 8-5-FF (Control Device C104D) which handles an inlet gas volume of 31,000 standard cubic feet per minute.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.14(a)(8)]

The dust collector associated with the production line #30 shall be operated up to a maximum airflow capacity of 31,000 ACFM only during the operation of the fluff recycling system. When the fluff recycling system is not operating, the dust collector shall be operated up to its original airflow capacity of 24,000 ACFM.

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

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

With the exception of the materials specified in condition #014 herein, the adhesives used in, or in association with, Source P104 shall be restricted to hot melt adhesives which do not contain, as an intentionally-added ingredient, any volatile organic compound or volatile hazardous air pollutant.

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

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

With the exception of the materials specified in condition #014 herein, no ink used in, or in association with, Source P104 shall contain more than 5.46 pounds of volatile organic compounds per gallon of ink and no more than zero pounds of volatile hazardous air pollutants per gallon of ink.

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

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

With the exception of the materials specified in condition #014 herein, the cleanup solvents used in, or in association with, Source P104 shall contain no more than 2.85 pounds of volatile organic compounds per gallon of solvent except that up to 468.2 gallons of cleanup solvent with a volatile organic compound content of up to 6.34 pounds of volatile organic compounds per gallon of solvent may be used in any 12 consecutive month period and up to another 50.2 gallons of cleanup solvent with a volatile organic compound content of up to 6.59 pounds of volatile organic compounds per gallon of solvent may be used in any 12 consecutive month period. No cleanup solvent which contains, as an intentionally-added ingredient, any volatile hazardous air pollutants may be used on, or in association with, Source P104.

**SECTION D. Source Level Requirements****# 015 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee may use up to 10 gallons of ink, adhesive and/or cleanup solvent in, or in association with, Source P104 in any 12 consecutive month period that exceeds the volatile organic compound and volatile hazardous air pollutant content limitations specified in conditions #011, #012 and #013 herein.

SECTION D. Source Level Requirements

Source ID: P106

Source Name: DIESEL-FIRED FIRE PUMP

Source Capacity/Throughput:

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

001 [25 Pa. Code §123.13]

Processes

The concentration of particulate matter in the exhaust of Source P106 shall not exceed 0.04 grains per dry standard cubic foot of effluent gas volume.

002 [25 Pa. Code §123.21]

General

The permittee shall not permit the emission of sulfur oxides (SO_x, expressed as SO₂) into the outdoor atmosphere from Source P106 in such a manner that the concentration of sulfur oxides in the effluent gas exceeds 500 parts per million, by volume, dry basis.

Fuel Restriction(s).

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from the permittee electing voluntary restriction pursuant to 25 Pa. Code Section 127.14(a)(8)]

(a) Source P106 shall only be fired on virgin diesel fuel to which no reclaimed or reprocessed oil, waste oil or other waste materials have been added.

(b) The sulfur content of the diesel fuel used in Source P106 shall not exceed 0.0015% by weight.

Operation Hours Restriction(s).

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from the permittee electing voluntary restriction pursuant to 25 Pa. Code Section 127.14(a)(8)]

Source P106 shall operate no more than 500 hours in any 12 consecutive month period.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall, upon Department request, provide analyses and/or samples of the fuel being used in Source P106.

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

(a) The permittee shall maintain accurate and comprehensive records of the following for Source P106:

(i) the number of hours that Source P106 operated during each month,

(ii) the delivery date and sulfur content of each load of diesel fuel delivered to the facility for use in Source P106 as well as copies of all fuel certification reports or analytical results sheets from which the sulfur content was obtained.

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

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

(a) The permittee shall submit a report each year listing the following for Source P106:

(i) the number of hours that Source P106 operated during each month of the prior year,

(ii) the delivery date and sulfur content of each load of diesel fuel delivered to the facility for use in Source P106 during the prior year as well as copies of all fuel certification reports or analytical results sheets from which the sulfur content was obtained.

(b) Each annual report shall be submitted to the Department by no later than March 1 of each year (for the immediately-preceding January 1 through December 31 twelve consecutive month period).

VI. WORK PRACTICE REQUIREMENTS.

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

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

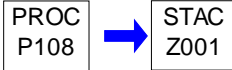
Source P106 consists of a 375 horsepower John Deere model 6081HF001D diesel-fired fire pump.

**SECTION D. Source Level Requirements**

Source ID: P108

Source Name: FOUR (4) REMOTE RESERVOIR PARTS WASHERS

Source Capacity/Throughput:

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

[Additional authority for this permit condition is derived from the permittee electing voluntary restriction pursuant to 25 Pa. Code Section 127.14(a)(8)]

The total combined volatile organic compound emissions from the parts washers incorporated in Source P108 shall not equal or exceed 2.7 tons in any 12 consecutive month period and there shall be no volatile hazardous air pollutant emissions.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

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

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.63]

(a) The permittee shall maintain accurate and comprehensive records of the following for Source P108:

(i) the date of each occasion when solvent is added to any parts washer or dirty solvent is removed from any parts washer as well as the amount of solvent added or removed on each such occasion,

(ii) the name and address of the solvent supplier,

(iii) the type of solvent used, including the product or vendor identification number,

(iv) the vapor pressure of the solvent measured in millimeters of mercury (mm of Hg) at 20 degrees Celsius (68 degrees Fahrenheit).

(b) All records generated pursuant to this condition shall be retained for at least 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.**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.63]

**SECTION D. Source Level Requirements**

(a) The permittee shall submit a report each year listing the following for Source P108:

- (i) the date of each occasion that solvent was added to any parts washer or dirty solvent was removed from any parts washer during the prior year as well as the amount of solvent added or removed on each such occasion,
- (ii) the name and address of the solvent supplier,
- (iii) the type of solvent used, including the product or vendor identification number,
- (iv) the vapor pressure of the solvent measured in millimeters of mercury (mm of Hg) at 20 degrees Celsius (68 degrees Fahrenheit).

(b) Each annual report shall be submitted to the Department by no later than March 1 of each calendar year (for the immediately-preceding January 1 through December 31 twelve consecutive month period).

VI. WORK PRACTICE REQUIREMENTS.

004 [25 Pa. Code §129.63]

Degreasing operations

The parts washers incorporated in Source P108 shall be operated in accordance with the following procedures:

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

005 [25 Pa. Code §129.63]

Degreasing operations

Each of the parts washers incorporated in Source P108 shall have a permanent, conspicuous label summarizing all procedures specified in condition #004 herein. In addition, the label shall include the following discretionary good operating practices:

- (a) Cleaned parts should be drained at least 15 seconds or until dripping ceases, whichever is longer. Parts having cavities or blind holes shall be tipped or rotated while the part is draining.
- (b) During the draining, tipping, or rotating, the parts should be positioned so that solvent drains directly back to the parts washer.
- (c) Work area fans should be located and positioned so that they do not blow across the openings of the parts washers.

VII. ADDITIONAL REQUIREMENTS.

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source P108 is subject to 25 Pa. Code Section 129.63(a) (Degreasing Operations - Cold Cleaning Machines) and shall comply with all applicable requirements therein.

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source P108 consists of the following remote reservoir parts washers:

SECTION D. Source Level Requirements

(a) two (2) Safety-Kleen model 30150

(b) two (2) Safety-Kleen model 34150

008 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.63]

Solvents containing hazardous air pollutants shall not be used in Source P108.

009 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.63]

The vapor pressure of the solvent used in Source P108 shall be less than 1.0 millimeter of mercury (mm Hg) measured at 20 degrees Celsius (68 degrees Fahrenheit).

010 [25 Pa. Code §129.63]

Degreasing operations

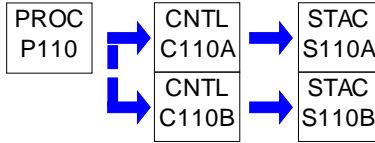
Each of the parts washers incorporated in Source P108 shall be equipped with a cover that shall be closed at all times except during the cleaning of parts or the addition or removal of solvent. A perforated drain with a diameter of not more than 6 inches shall constitute an acceptable cover.

SECTION D. Source Level Requirements

Source ID: P110

Source Name: LINES 31 AND 32

Source Capacity/Throughput:



I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

The concentration of particulate matter in the exhausts of Control Device C110A associated with Line 31 of Source P110 and Control Device C110B associated with Line 32 of Source P110 each shall not exceed 0.000044 grains per dry standard cubic foot of effluent gas volume. Additionally, there shall be no visible emissions from the exhausts of Control Device C110A and Control Device C110B (other than water vapor or steam).

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

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

The total combined volatile organic compound emissions resulting from adhesive, ink and cleanup solvent usage associated with Source P110 shall not exceed 3.73 tons in any 12 consecutive month period and there shall be no volatile hazardous air pollutant emissions.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

Control Device C110A and Control Device C110B shall each be equipped with instrumentation to continuously monitor the differential pressure across each of its three (3) component sections on a continuous basis. Such instrumentation shall be operated at any time the respective control device is being operated.

IV. RECORDKEEPING REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall maintain accurate and comprehensive records of the identity and amount of each adhesive, ink, cleanup solvent and any other volatile organic compound-containing material, volatile hazardous air pollutant-containing material or acetone-containing material used in, or in association with, Source P110 during each month as well as records of the volatile organic compound content of each such material, the content of each individual hazardous air pollutant in each such material and the acetone content of each such material.

SECTION D. Source Level Requirements

All records generated pursuant to this condition shall be retained for at least 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 a report each year listing the identity and amount of each adhesive, ink, cleanup solvent and any other volatile organic compound-containing material, volatile hazardous air pollutant-containing material or acetone-containing material used in, or in association with, Source P110 during each month of the prior year as well as records of the volatile organic compound content of each such material, the content of each individual hazardous air pollutant in each such material and the acetone content of each such material.

Each annual report shall be submitted to the Department by no later than March 1 of each year (for the immediately-preceding January 1 through December 31 twelve consecutive month period).

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

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

The air compressor(s) supplying compressed air to Control Device C110A and Control Device C110B shall be equipped with an air dryer and an oil trap.

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

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

All containers of volatile organic compound-containing materials, volatile hazardous air pollutant-containing materials and acetone-containing materials shall be kept closed except when removing material from, or placing material into, the containers. Any volatile organic compound-containing, volatile hazardous air pollutant-containing or acetone-containing cleaning cloths or rags shall be stored in closed containers except when in actual use and shall never be treated in any manner which would unnecessarily promote the evaporative loss of any volatile organic compound, volatile hazardous air pollutant or acetone to the atmosphere.

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

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

The permittee shall keep on hand a sufficient quantity of spare drum filters, cartridge filters and HEPA filters for Control Device C110A and Control Device C110B associated with Source P110 in order to be able to immediately replace any worn or damaged drum filters, cartridge filters or HEPA filters requiring replacement due to deterioration resulting from routine operation of Source P110 and the respective control devices.

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

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

No more than a combined total of 24 gallons of volatile organic compound-containing ink shall be used on, or in association with, Source P110 in any 12 consecutive month period, including that used on the associated box printers. The solvent in the inks used on the bag printers associated with Source P110 shall be acetone only.

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

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

No ink or solvent used on Source P110 shall contain any volatile hazardous air pollutants.

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

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

The adhesives used on, or in association with, Source P110 shall be restricted to hot melt adhesives which do not contain, as an intentionally added ingredient, any volatile organic compound or volatile hazardous air pollutant. Such hot melt adhesives may however result in the emission of volatile organic compounds provided the emissions do not exceed 0.003 pounds per pound of adhesive used.

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

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

No more than a combined total of 1,745,432 pounds of hot melt adhesives may be used on, or in association with, Source P110 in any 12 consecutive month period.

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

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

No more than a combined total of 321 gallons of volatile organic compound-containing cleanup solvent shall be used on, or in association with, Source P110 in any 12 consecutive month period, including that used on the associated box printers. These cleanup solvents shall be either Goof Off 2, isopropyl alcohol, mineral spirits, V904-Q, or Wash Solution 201-001-921. The cleanup solvent used on the bag printers associated with Source P110 shall be either acetone only or Domino WL-880.

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

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

Source P110 is comprised of two Curt G. JOA model J4MV adult brief machines designated as Line 31 and Line 32. The particulate matter emissions from each machine shall each be controlled by an Osprey Corporation three-stage filter system (Control Device C110A and Control Device C110B). Each Osprey Corporation three-stage filter system shall incorporate a drum filter section, a cartridge filter section and a HEPA filter section connected in series.

SECTION D. Source Level Requirements

Source ID: P111

Source Name: LINE 33

Source Capacity/Throughput:

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

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

The concentration of particulate matter in the exhaust of Control Device C111 shall not exceed 0.0004 grains per dry standard cubic foot of effluent gas volume. Additionally, there shall be no visible emissions from the exhaust of Control Device C111 (other than water vapor or steam).

Compliance with this condition also ensures compliance with 25 Pa. Code §§ 123.13 and 123.41.

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

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

The total combined volatile organic compound emissions resulting from adhesive, ink and cleanup solvent usage associated with Source P111 shall not exceed 1.48 tons in any 12 consecutive month period and there shall be no volatile hazardous air pollutant emissions.

II. TESTING REQUIREMENTS.

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

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

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

Control Device C111 shall be equipped with instrumentation to continuously monitor the differential pressure across each of its three (3) component sections on a continuous basis. Such instrumentation shall be operated at any time the respective control device is being operated.

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

The permittee shall maintain accurate and comprehensive records of the identity and amount of each adhesive, ink, cleanup solvent and any other volatile organic compound-containing material, volatile hazardous air pollutant-containing material or acetone-containing material used in, or in association with, Source P111 during each month as well as records of the volatile organic compound content of each such material, the content of each individual hazardous air pollutant in each such material and the acetone content of each such material.

All records generated pursuant to this condition shall be retained for at least 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.**

The permittee shall submit a report each year listing the identity and amount of each adhesive, ink, cleanup solvent and any other volatile organic compound-containing material, volatile hazardous air pollutant-containing material or acetone-containing material used in, or in association with, Source P111 during each month of the prior year as well as records of the volatile organic compound content of each such material, the content of each individual hazardous air pollutant in each such material and the acetone content of each such material.

Each annual report shall be submitted to the Department by no later than March 1 of each year (for the immediately-preceding January 1 through December 31 twelve consecutive month period).

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

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

The air compressor(s) supplying compressed air to Control Device C111 shall be equipped with an air dryer and an oil trap.

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

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

All containers of volatile organic compound-containing materials, volatile hazardous air pollutant-containing materials and acetone-containing materials shall be kept closed except when removing material from, or placing material into, the containers. Any volatile organic compound-containing, volatile hazardous air pollutant-containing or acetone-containing cleaning cloths or rags shall be stored in closed containers except when in actual use and shall never be treated in any manner which would unnecessarily promote the evaporative loss of any volatile organic compound, volatile hazardous air pollutant or acetone to the atmosphere.

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

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

The permittee shall keep on hand a sufficient quantity of spare drum filters, cartridge filters and HEPA filters for Control Device C111 in order to be able to immediately replace any worn or damaged drum filters, cartridge filters or HEPA filters requiring replacement due to deterioration resulting from routine operation of Source P111 and the respective control device.

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

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

The adhesives used on, or in association with, Source P111 shall be restricted to hot melt adhesives which do not contain, as an intentionally added ingredient, any volatile organic compound or volatile hazardous air pollutant. Such hot melt adhesives may however result in the emission of volatile organic compounds provided the emissions do not exceed 0.003 pounds per pound of adhesive used.

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

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

No more than a combined total of 700,000 pounds of hot melt adhesives may be used on, or in association with, Source P111 in any 12 consecutive month period.

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

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

No more than a combined total of 129 gallons of volatile organic compound-containing cleanup solvent shall be used on, or in association with, Source P111 in any 12 consecutive month period, including that used on the associated box printers, and the specific solvents used shall be as described in the plan approval application. The cleanup solvent used on the bag printers associated with Source P111 shall be acetone only.

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

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

No more than a combined total of 8 gallons of volatile organic compound-containing ink shall be used on, or in association with, Source P111 in any 12 consecutive month period, including that used on the associated box printers. The solvent in the inks used on the bag printers associated with Source P111 shall be acetone only.

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

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

No ink or solvent used on Source P111 shall contain any volatile hazardous air pollutants.

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

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

Source P111 is a Fameccanica FIU underpad machine (serial number 4031) designated as Line 33, the particulate matter emissions from which shall be controlled by an Osprey three-stage filter system incorporating a drum filter section, a cartridge filter section and a HEPA filter section connected in series (Control Device C111).

SECTION D. Source Level Requirements

Source ID: P112

Source Name: LINE 34

Source Capacity/Throughput:

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

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

The concentration of particulate matter in the exhaust of Control Device C112 shall not exceed 0.005 grains per dry standard cubic foot of effluent gas volume. Additionally, there shall be no visible emissions from the exhaust of Control Device C112.

Compliance with this condition also ensures compliance with 25 Pa. Code §§ 123.13 and 123.41.

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

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

The total combined volatile organic compound emissions resulting from adhesive, ink and cleanup solvent usage associated with Source P112 shall not exceed 2.87 tons in any 12 consecutive month period and there shall be no volatile hazardous air pollutant emissions.

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

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

The volatile organic compound emissions from the hot melt adhesives usage associated with Source ID P112 shall not exceed 1.12 tons in any 12 consecutive month period.

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

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

The volatile organic compound emissions from the general purpose cleanup solvent usage associated with Source ID P112 shall not exceed 0.51 tons in any 12 consecutive month period.

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

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

The volatile organic compound emissions from the inks and makeup fluid usage associated with box printing operation of Source ID P112 shall not exceed 1.23 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 (State Only General Requirements).

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

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

Control Device C112 shall be equipped with instrumentation to continuously monitor the differential pressure across each of its four (4) component sections on a continuous basis. Such instrumentation shall be operated at any time the respective control device is being operated.

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

(a) The permittee shall maintain accurate and comprehensive records of the identity and amount of each adhesive, ink, cleanup solvent and any other volatile organic compound-containing material, volatile hazardous air pollutant-containing material or acetone-containing material used in, or in association with, Source P112 during each month as well as records of the volatile organic compound content of each such material, the content of each individual hazardous air pollutant in each such material and the acetone content of each such material.

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

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

(a) The permittee shall keep records of the supporting calculations for total combined VOC emissions from adhesives, inks and solvent usage associated with Source ID P112 on a monthly basis and shall verify compliance with the total combined VOCs emissions limitation of 2.87 tons in any 12 consecutive month period.

(b) The permittee shall keep records of the supporting calculations for VOC emissions from adhesives usage associated with Source ID P112 on a monthly basis and shall verify compliance with the VOCs emissions limitation of 1.12 tons in any 12 consecutive month period.

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

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

(a) The permittee shall submit a report each year listing the identity and amount of each adhesive, ink, cleanup solvent and any other volatile organic compound-containing material, volatile hazardous air pollutant-containing material or acetone-containing material used in, or in association with, Source P112 during each month as well as records of the volatile organic compound content of each such material, the content of each individual hazardous air pollutant in each such material and the acetone content of each such material.

(b) Each annual report shall be submitted to the Department by no later than March 1 of each year (for the immediately preceding January 1 through December 31 twelve consecutive month period).

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

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

**SECTION D. Source Level Requirements**

The air compressor(s) supplying compressed air to Control Device C112 shall be equipped with an air dryer and an oil trap.

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

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

All containers of volatile organic compound-containing materials, volatile hazardous air pollutant-containing materials and acetone-containing materials shall be kept closed except when removing material from, or placing material into, the containers. Any volatile organic compound-containing, volatile hazardous air pollutant-containing or acetone-containing cleaning cloths or rags shall be stored in closed containers except when in actual use and shall never be treated in any manner which would unnecessarily promote the evaporative loss of any volatile organic compound, volatile hazardous air pollutant or acetone to the atmosphere.

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

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

The permittee shall keep on hand a sufficient quantity of spare drum filters, cartridge filters (packet and cassette type) and HEPA filters for Control Device C112 in order to be able to immediately replace any worn or damaged drum filters, cartridge filters or HEPA filters requiring replacement due to deterioration resulting from routine operation of Source P112 and the respective control device.

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

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

The cleanup solvent and solvent in the inks used in the bag printers associated with Source P112 shall be acetone only.

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

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

Source P112 is a Curt G. Joa underpad machine designated as Line 34, the particulate matter emissions from which shall be controlled by an Osprey four-stage filtration system incorporating a drum filter section, a pocket type cartridge filter section, a cassette type cartridge filter section and a HEPA filter section connected in series (Control Device C112).

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

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

The adhesives used on, or in association with, Source P112 shall be restricted to hot melt adhesives which do not contain, as an intentionally added ingredient, any volatile organic compound or volatile hazardous air pollutant. Such hot melt adhesives may however result in the emission of volatile organic compounds provided the emissions do not exceed 0.003 pounds per pound of adhesive used.

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

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

**SECTION D. Source Level Requirements**

Any ink, solvent or adhesives used on Source P112 shall not contain any volatile hazardous air pollutants) and hazardous air pollutants (HAPs).

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

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

The total combined volatile organic compound-containing cleanup solvent used in association with Source P112 and associated box printers shall not exceed 164 gallons in any 12 consecutive month period. Additionally, as described in the plan approval application, the permittee shall only use isopropyl alcohol, mineral spirit and Turtle wax super hard shell liquid wax (product code: T-123R(c)(s)/T-127R(c)) as cleaning solvents in Source ID P112.

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

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

The total combined volatile organic compound-containing ink used in association with Source P112 and associated box printers shall not exceed 420 gallons in any 12 consecutive month period.

SECTION D. Source Level Requirements

Source ID: P113

Source Name: LINES NGB01 AND NGB02

Source Capacity/Throughput:

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

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

The total combined volatile organic compound emissions resulting from adhesive, ink and cleanup solvent usage associated with Source P113 shall not exceed 2.15 tons in any 12 consecutive month period and there shall be no volatile hazardous air pollutant emissions.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

The volatile organic compound emissions from the hot melt adhesives usage associated with Source ID P113 shall not exceed 0.37 tons in any 12 consecutive month period.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

The acetone emissions resulting from the usage of all solvents associated with Source ID P113 shall not exceed 2.51 tons in any 12 consecutive month period.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

The volatile organic compound emissions from the inks and makeup fluid usage associated with box printing operation of Source ID P113 shall not exceed 0.84 tons in any 12 consecutive month period.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

The concentration of particulate matter in the exhaust of each dust collection/filteration system of Control Device C113 shall not exceed 0.005 grains per dry standard cubic foot of effluent gas volume. Additionally, there shall be no visible emissions from the exhaust of each dust collection/filteration system of Control Device C113.

Compliance with this condition also ensures compliance with 25 Pa. Code §§ 123.13 and 123.41.

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

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

The total combined volatile organic compound-containing cleanup solvent used in association with Source P113 and associated box printers shall not exceed 327 gallons in any 12 consecutive month period. Additionally, as described in the plan approval application, the permittee shall only use isopropyl alcohol, mineral spirit and Turtle wax super hard shell liquid wax (product code: T-123R(c)(s)/T-127R(c)) as cleaning solvents in Source ID P113.

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

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

(a) The total combined volatile organic compound-containing ink used in association with Source P113 and associated box printers shall not exceed 876 gallons in any 12 consecutive month period.

(b) The total combined volatile organic compound-containing makeup used in association with Source P113 and associated box printers shall not exceed 1889 gallons in any 12 consecutive month period.

II. TESTING REQUIREMENTS.

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

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

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

Control Device C113 shall be equipped with instrumentation to continuously monitor the differential pressure across each of its four (4) component sections on a continuous basis. Such instrumentation shall be operated at any time the respective control device is being operated.

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

(a) The permittee shall keep records of the supporting calculations for total combined VOC emissions from adhesives, inks and solvent usage associated with Source ID P113 on a monthly basis and shall verify compliance with the total combined VOCs emissions limitation of 2.15 tons in any 12 consecutive month period.

(b) The permittee shall keep records of the supporting calculations for VOC emissions from adhesives usage associated with Source ID P113 on a monthly basis and shall verify compliance with the VOCs emissions limitation of 0.37 tons in any 12 consecutive month period.

(c) The permittee shall keep records of the supporting calculations for acetone emissions from all solvent usage associated with Source ID P113 on a monthly basis and shall verify compliance with the acetone emissions limitation of 2.51 tons in any 12 consecutive month period.

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

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

(a) The permittee shall maintain accurate and comprehensive records of the identity and amount of each adhesive, ink, cleanup solvent and any other volatile organic compound-containing material, volatile hazardous air pollutant-containing material or acetone-containing material used in, or in association with, Source P113 during each month as well as records of the volatile organic compound content of each such material, the content of each individual hazardous air pollutant in each such material and the acetone content of each such material.

(b) All records generated pursuant to this condition shall be retained for at least 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.**

(a) The permittee shall submit a report each year listing the identity and amount of each adhesive, ink, cleanup solvent and any other volatile organic compound-containing material, volatile hazardous air pollutant-containing material or acetone-containing material used in, or in association with, Source P113 during each month as well as records of the volatile organic compound content of each such material, the content of each individual hazardous air pollutant in each such material and the acetone content of each such material.

(b) Each annual report shall be submitted to the Department by no later than March 1 of each year (for the immediately preceding January 1 through December 31 twelve consecutive month period).

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

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

The permittee shall keep on hand a sufficient quantity of spare drum filters, cartridge filters (packet and cassette type) and HEPA filters for Control Device C113 in order to be able to immediately replace any worn or damaged drum filters, cartridge filters or HEPA filters requiring replacement due to deterioration resulting from routine operation of Source P113 and the respective control device.

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

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

All containers of volatile organic compound-containing materials, volatile hazardous air pollutant-containing materials and acetone-containing materials shall be kept closed except when removing material from, or placing material into, the containers. Any volatile organic compound-containing, volatile hazardous air pollutant-containing or acetone-containing cleaning cloths or rags shall be stored in closed containers except when in actual use and shall never be treated in any manner which would unnecessarily promote the evaporative loss of any volatile organic compound, volatile hazardous air pollutant or acetone to the atmosphere.

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

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

SECTION D. Source Level Requirements

The adhesives used on, or in association with, Source P113 shall be restricted to hot melt adhesives which do not contain, as an intentionally added ingredient, any volatile organic compound or volatile hazardous air pollutant. Such hot melt adhesives may however result in the emission of volatile organic compounds provided the emissions do not exceed 0.003 pounds per pound of adhesive used.

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

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

Any ink, solvent or adhesives used on Source P113 shall not contain any volatile hazardous air pollutants) and hazardous air pollutants (HAPs).

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

The melt pots associated with lines of Source ID P113 shall be covered whenever in use to minimize the escape of volatile organic compounds into the atmosphere.

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

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

The cleanup solvent and solvent in the inks used in the bag printers associated with Source P113 shall be acetone only.

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

Source P113 consist of two Curt G. Joa underpad machines designated as NGB01-Line 35 and NGB02-line 36.

Control Device ID C113 includes two IBIS Corporation model 7-7 and 7-4 four-stage Blue Sky dust collection/ filtration systems, each incorporating a drum filter section, a pocket type cartridge filter section, a cassette type cartridge filter section and a HEPA filter section.

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

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

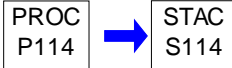
The particulate matter emissions from each line of Source ID P113 shall be controlled by its own IBIS four-stage dust collection/filtration system (ID C113).

**SECTION D. Source Level Requirements**

Source ID: P114

Source Name: ONE 375 HP GENERAC NG FIRED EMER. GENERATOR

Source Capacity/Throughput:

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

001 [25 Pa. Code §123.13]

Processes

No person may permit the emission into the outdoor atmosphere of particulate matter from Source ID P114 in 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

No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO₂, from Source ID P114 in a manner that the concentration of the sulfur oxides in the effluent gas exceeds 500 parts per million, by volume, dry basis.

Fuel Restriction(s).

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID P114 shall be fired on natural gas only.

Operation Hours Restriction(s).

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from the permittee electing voluntary restriction pursuant to 25 Pa. Code Section 127.14(a)(8)]

Source ID P114 shall not be operated more than 500 hours in any 12 consecutive month period.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall maintain accurate and comprehensive records of the total number of hours Source ID P114 is operated each month.

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



SECTION D. Source Level Requirements

request.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID P114 is a 250 kilowatt Generac emergency generator incorporating a 375 horsepower natural gas fired engine, installed 2009.

007 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6580]

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

What is the purpose of subpart ZZZZ?

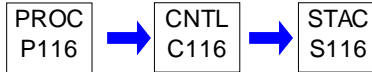
Source ID P114 is subject to 40 CFR Part 63, Subpart ZZZZ, Sections 63.6580 through 63.6675. The permittee shall comply with all applicable requirements of 40 CFR Part 63, Subpart ZZZZ.

**SECTION D. Source Level Requirements**

Source ID: P116

Source Name: CONVERTING LINE NGB03

Source Capacity/Throughput:

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

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

The total combined volatile organic compound emissions resulting from adhesive, ink and the general purpose cleanup solvent (excluding acetone) usage associated with Source P116 shall not exceed 1.91 tons in any 12 consecutive month period and there shall be no volatile hazardous air pollutant emissions.

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

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

The volatile organic compound emissions from the hot melt adhesives usage associated with Source ID P116 shall not exceed 1.21 tons in any 12 consecutive month period.

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

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

The acetone emissions resulting from the usage of all solvents associated with Source ID P116 shall not exceed 0.98 tons in any 12 consecutive month period.

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

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

The volatile organic compound emissions from the inks, makeup fluids and wash solvents usage associated with box printing operation of Source ID P116 shall not exceed 0.49 tons in any 12 consecutive month period.

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

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

The volatile organic compound emissions from the general purpose cleaning solvents (excluding acetone) associated with operation of Source ID P116 shall not exceed 0.21 tons in any 12 consecutive month period.

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

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

The concentration of particulate matter in the exhaust of the dust collection/filtration system of Control Device C116 shall

**SECTION D. Source Level Requirements**

not exceed 0.005 grains per dry standard cubic foot of effluent gas volume. Additionally, there shall be no visible emissions from the exhaust of the dust collection/filtration system of Control Device C116.

Compliance with this condition also ensures compliance with 25 Pa. Code §§ 123.13 and 123.41.

Throughput Restriction(s).

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

The total combined volatile organic compound-containing cleanup solvent used in association with Source P116 and associated box printers shall not exceed 80 gallons in any 12 consecutive month period. Additionally, as described in the plan approval application, the permittee shall only use isopropyl alcohol, mineral spirit, goof off and Turtle wax super hard shell liquid wax (product code: T-123R(c)(s)/T-127R(c)) as cleaning solvents in Source ID P116.

008 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

(a) The total combined volatile organic compound-containing ink used in association with Source P116 and associated box printers shall not exceed 65 gallons in any 12 consecutive month period.

(b) The total combined volatile organic compound-containing makeup fluid used in association with Source P116 and associated box printers shall not exceed 365 gallons in any 12 consecutive month period.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

009 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

Control Device C116 shall be equipped with instrumentation to continuously monitor the differential pressure across each of its four (4) component sections on a continuous basis. Such instrumentation shall be operated at any time the respective control device is being operated.

IV. RECORDKEEPING REQUIREMENTS.

010 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall maintain accurate and comprehensive records of the identity and amount of each adhesive, ink, cleanup solvent and any other volatile organic compound-containing material, volatile hazardous air pollutant-containing material or acetone-containing material used in, or in association with, Source P116 during each month as well as records of the volatile organic compound content of each such material, the content of each individual hazardous air pollutant in each such material and the acetone content of each such material.

(b) All records generated pursuant to this condition shall be retained for at least five (5) years and shall be made available to

SECTION D. Source Level Requirements

the Department upon request.

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

(a) The permittee shall keep records of the supporting calculations for total combined VOC emissions from adhesives, inks and solvent usage associated with Source ID P116 on a monthly basis and shall verify compliance with the total combined VOCs emissions limitation of 1.91 tons in any 12 consecutive month period.

(b) The permittee shall keep records of the supporting calculations for VOC emissions from hot melt adhesives usage associated with Source ID P116 on a monthly basis and shall verify compliance with the VOCs emissions limitation of 1.21 tons in any 12 consecutive month period.

(c) The permittee shall keep records of the supporting calculations for acetone emissions from all solvent usage associated with Source ID P116 on a monthly basis and shall verify compliance with the acetone emissions limitation of 0.98 tons in any 12 consecutive month period.

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

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

(a) The permittee shall submit a report each year listing the identity and amount of each adhesive, ink, cleanup solvent and any other volatile organic compound-containing material, volatile hazardous air pollutant-containing material or acetone containing material used in, or in association with, Source P116 during each month as well as records of the volatile organic compound content of each such material, the content of each individual hazardous air pollutant in each such material and the acetone content of each such material.

(b) Each annual report shall be submitted to the Department by no later than March 1 of each year (for the immediately preceding January 1 through December 31 twelve consecutive month period).

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

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

The air compressor(s) supplying compressed air to dust collection/filteration systems of ID C116 shall be equipped with an air dryer and an oil trap.

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

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

All containers of volatile organic compound-containing materials, volatile hazardous air pollutant-containing materials and acetone-containing materials shall be kept closed except when removing material from, or placing material into, the containers. Any volatile organic compound-containing, volatile hazardous air pollutant-containing or acetone-containing cleaning cloths or rags shall be stored in closed containers except when in actual use and shall never be treated in any manner which would unnecessarily promote the evaporative loss of any volatile organic compound, volatile hazardous air pollutant or acetone to the atmosphere.

**SECTION D. Source Level Requirements****# 015 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

The permittee shall keep on hand a sufficient quantity of spare drum filters, cartridge filters (packet and cassette type) and HEPA filters for Control Device C116 in order to be able to immediately replace any worn or damaged drum filters, cartridge filters or HEPA filters requiring replacement due to deterioration resulting from routine operation of Source P116 and the respective control device.

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

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

The cleanup solvent and solvent in the inks used in the bag printers associated with Source P116 shall be acetone only.

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

Source P116 consist of a Curt G. Joa underpad machine designated as NGB03.

Control Device ID C116 includes one IBIS/Osprey Corporation model 7-7 four-stage dust collection/ filtration systems, each incorporating a drum filter section, a pocket type cartridge filter section, a cassette type cartridge filter section and a HEPA filter section connected in series.

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

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

The particulate matter emissions from NGB03 line of Source ID P116 shall be controlled by an IBIS/Osprey four-stage dust collection/filtration system (ID C116).

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

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

The adhesives used on, or in association with, Source P116 shall be restricted to hot melt adhesives which do not contain, as an intentionally added ingredient, any volatile organic compound or volatile hazardous air pollutant. Such hot melt adhesives may however result in the emission of volatile organic compounds provided the emissions do not exceed 0.003 pounds per pound of adhesive used.

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

[Additional authority for this condition is also derived from 25 Pa. Code §§ 127.1 through 127.12]

Any ink, solvent or adhesives used on Source P116 shall not contain any volatile hazardous air pollutants) and hazardous air pollutants (HAPs).
The melt pots associated with lines of Source ID P116 shall be covered whenever in use to minimize the escape of volatile organic compounds into the atmosphere.

SECTION D. Source Level Requirements

Source ID: P117

Source Name: AURORA FIRE PUMP ENGINE

Source Capacity/Throughput:

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

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The air contaminant emissions from the 399 bhp engine of Source ID P117 shall not exceed the following:

- a. nitrogen oxides plus non-methane hydrocarbons (NO_x+NMHC) – 3.0 grams per horsepower hour, 2.75 tons per ozone season and 6.6 tons in any 12 consecutive month period.
- b. particulate matter (PM/PM10) – 0.15/0.15 grams per brake horsepower hour.

Fuel Restriction(s).

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The engine of Source ID P117 shall be fired on diesel fuel only, of which the sulfur content shall not exceed 15 parts per million. Additionally, the diesel fuel shall not contain any reclaimed/reprocessed oil, waste oil or any other materials added. Diesel fuel shall comply with all requirements of 40 CFR 80.510(b).

Operation Hours Restriction(s).

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The non-emergency hours of operation for the proposed 399 bhp engine of Source ID P117 shall not be more than 100 hours in any 12 consecutive month period.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

- (a) The permittee shall keep accurate and comprehensive records of the hours of operation on a monthly basis and

**SECTION D. Source Level Requirements**

calculations of emissions for the 399 bhp engine of Source ID P117.

(b) The permittee shall keep all records for a minimum of five years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

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

Source ID P117 consist of a 3,000 gallons per minute Aurora® model 8-491-18A single stage fire pump powered by a 2014 model year Clarke JW6H-UFAD70 (John Deere 6090 Series Power Tech E) 399 hp engine.

006 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4200]**Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines****Am I subject to this subpart?**

The 399 bhp diesel-fired engine of Source ID P117 is subject to 40 CFR Part 60, Subpart IIII. The permittee shall comply with all applicable requirements of Subpart IIII, §§ 60.4200 - 60.4219.

007 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6580]**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What is the purpose of subpart ZZZZ?**

The operation of the engine of Source ID P117 is subject to the standards of 40 CFR Part 63, Subpart ZZZZ. The permittee shall comply with all applicable requirements of Subpart ZZZZ, §§ 63.6580 - 63.6675.



SECTION E. Source Group Restrictions.



SECTION F. Alternative Operation Requirements.

No Alternative Operations exist for this State Only facility.



SECTION G. Emission Restriction Summary.

No emission restrictions listed in this section of the permit.



SECTION H. Miscellaneous.



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

