



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

TITLE V/STATE OPERATING PERMIT

Issue Date: April 24, 2007

Effective Date: April 24, 2007

Expiration Date: April 23, 2012

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

The regulatory or statutory authority for each permit condition is set forth in brackets. All terms and conditions in this permit are federally enforceable applicable requirements unless otherwise designated as "State-Only" or "non-applicable" requirements.

[TITLE V Permit No: 49-00024](#)

Federal Tax Id - Plant Code: 36-4445184-1

Owner Information

Name: SUNBURY PROPERTY LLC
Mailing Address: 1400 SUSQUEHANNA AVE
SUNBURY, PA 17801-1160

Plant Information

Plant: SUNBURY PROPERTY / KNIGHT CELOTEX / SUNBURY PLT
Location: 49 Northumberland County 49003 Sunbury City
SIC Code: 2493 Manufacturing - Reconstituted Wood Products

Operator

Name: KNIGHT CELOTEX, LLC [If different from owner]
Mailing Address: 1400 SUSQUEHANNA AVE
SUNBURY, PA 17801-1160

Responsible Official

Name: DAVID HARGREAVES
Title: GENERAL MANAGER
Phone: (570) 286 - 5831

Permit Contact Person

Name: GREG BOOEN
Title: ENVIRONMENTAL MANAGER
Phone: (570) 286 - 5831

[Signature] _____
DAVID W ALDENDERFER, NORTHCENTRAL REGION AIR PROGRAM MANAGER



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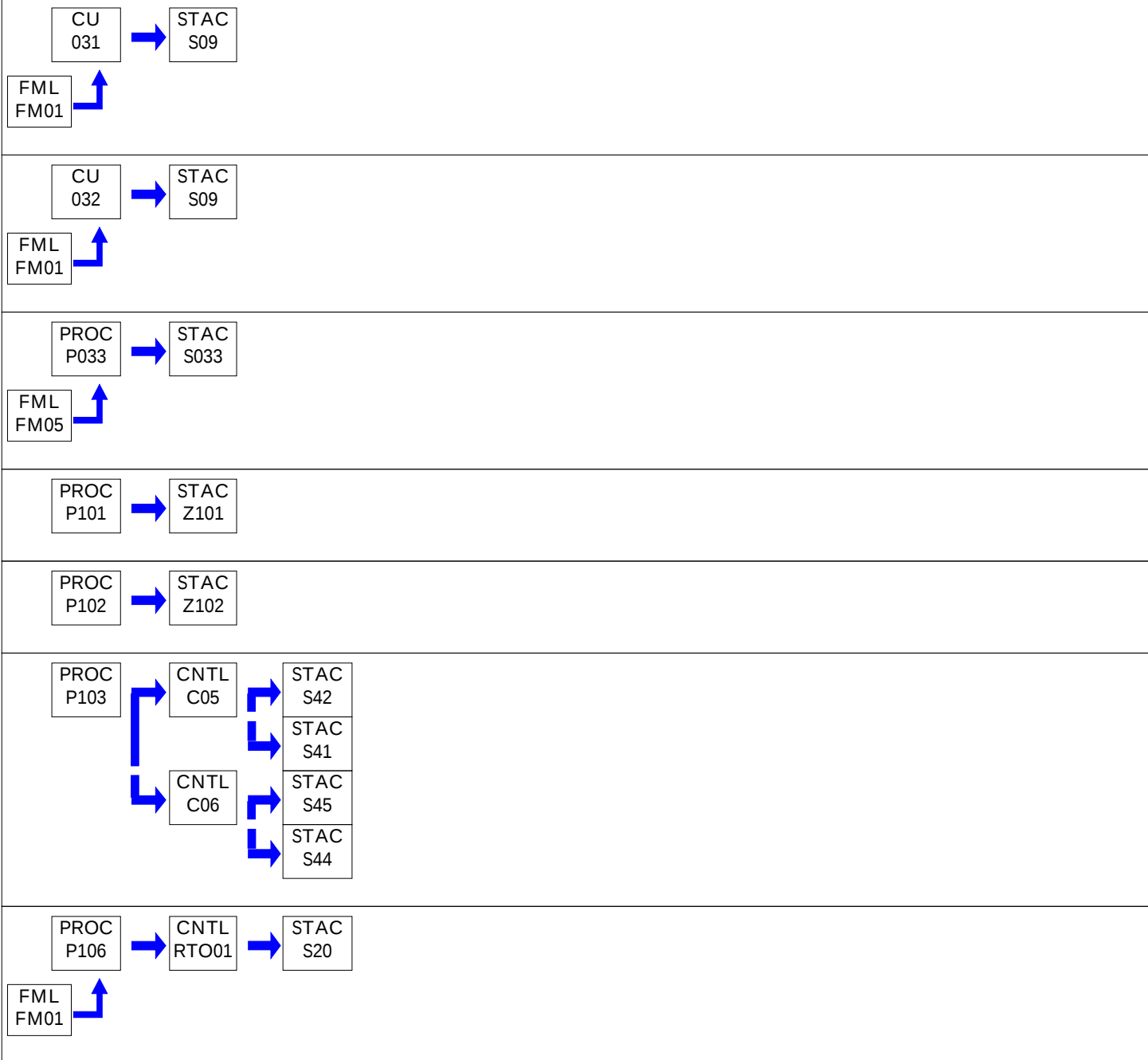
SECTION A. Site Inventory List

Source ID	Source Name	Capacity/Throughput		Fuel/Material
031	CLEAVER BROOKS BOILER 1	35.000	MMBTU / HR	
		45.200	MCF / HR	Natural Gas
032	CLEAVER BROOKS BOILER 2	35.000	MMBTU / HR	
		45.200	MCF / HR	Natural Gas
P033	EMER GENERATOR & FIRE PUMP	N / A		KEROSENE
P101	BOARD PRINTING PRESS	N / A		INKS
P102	BOARD LAMINATING OPERATION	N / A		P GLYCOL
P103	FIBERBOARD PRODUCTION	N / A		WOOD CHIPS
P106	FIBERBOARD DRYER	22.540	Tons / HR	FIBERBOARD
		143.100	MCF / HR	Natural Gas
P106A	WET-END DRYER LOADING	N / A		FIBERBOARD
P113	DRY SAWS	N / A		FIBERBOARD
P114	FABRICATION SAWS	N / A		FIBERBOARD
P115	LAMINATING SAWS	N / A		FIBERBOARD
P116	BLACK DYE SPRAYING OF EDGES	N / A		
P118	STORAGE TANKS	N / A		
		N / A		
		N / A		
P119	FIBERBOARD DOOR CORE SANDING OPERATION			
P120	DEGREASING OPERATION			
C02	SCRUBBER 1			
C03	SCRUBBER 2			
C04	SCRUBBER 3			
C05	DIGESTER SCRUBBER 1			
C06	DIGESTER SCRUBBER 2			
C119A	CYCLONE SEPARATOR			
C119B	FILTER CARTRIDGE COLLECTOR			
RTO01	DRYER RTO			
FM01	NATURAL GAS LINE			
FM05	KEROSENE TANKS			
S033	INTERNAL COMB. STACKS			
S09	BOILER 1 & 2 STACK			
S119	FABRIC COLLECTOR STACK			
S14	SCRUBBER 3 STACK			
S20	FIBERBOARD DRYER STACK			
S21	SCRUBBER 1 STACK			
S22	SCRUBBER 2 STACK			
S41	DIGEST SCRUBBER 1 STACK			
S42	REFINER 1 STACK			
S44	DIGEST SCRUBBER 2 STACK			
S45	REFINER 2 STACK			

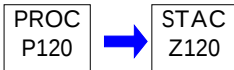
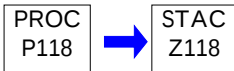
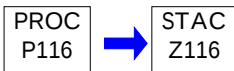
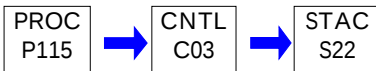
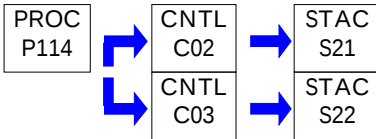
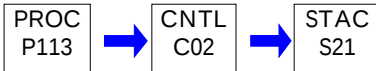
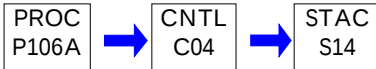
SECTION A. Site Inventory List

Source ID	Source Name	Capacity/Throughput	Fuel/Material
Z101	PRINTING EMISSIONS		
Z102	LAMINATING EMISSIONS		
Z116	DYE SPRAYING EMISSIONS		
Z118	STORAGE TANK EMISSIONS		
Z120	FUGITIVE VOC EMISSIONS		

PERMIT MAPS



PERMIT MAPS



**SECTION B. General Title V Requirements**

#001 [25 Pa. Code § 121.1]

Definitions

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

#002 [25 Pa. Code § 127.512(c)(4)]

Property Rights

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

#003 [25 Pa. Code § 127.446(a) and (c)]

Permit Expiration

This operating permit is issued for a fixed term of five (5) years and shall expire on the date specified on Page 1 of this permit. The terms and conditions of the expired permit shall automatically continue pending issuance of a new Title V permit, provided the permittee has submitted a timely and complete application and paid applicable fees required under 25 Pa. Code Chapter 127, Subchapter I and the Department is unable, through no fault of the permittee, to issue or deny a new permit before the expiration of the previous permit. An application is complete if it contains sufficient information to begin processing the application, has the applicable sections completed and has been signed by a responsible official.

#004 [25 Pa. Code §§ 127.412, 127.413, 127.414, 127.446(e) & 127.503]

Permit Renewal

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

(b) The application for permit renewal shall include the current permit number, the appropriate permit renewal fee, a description of any permit revisions and off-permit changes that occurred during the permit term, and any applicable requirements that were promulgated and not incorporated into the permit during the permit term.

(c) The renewal application shall also include submission of proof that the local municipality and county, in which the facility is located, have been notified in accordance with 25 Pa. Code § 127.413. The application for renewal of the Title V permit shall also include submission of compliance review forms which have been used by the permittee to update information submitted in accordance with either 25 Pa. Code § 127.412(b) or § 127.412(j).

(d) The permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall submit such supplementary facts or corrected information during the permit renewal process. The permittee shall also provide additional information as necessary to address any requirements that become applicable to the source after the date a complete renewal application was submitted but prior to release of a draft permit.

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

Transfer of Ownership or Operational Control

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

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

(2) A written agreement has been submitted to the Department identifying the specific date of the transfer of permit responsibility, coverage and liability between the current and the new permittee; and,

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

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

**SECTION B. General Title V Requirements**

#006 [25 Pa. Code § 127.513, 35 P.S. § 4008 and § 114 of the CAA]

Inspection and Entry

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

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

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

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

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

(b) Pursuant to 35 P.S. § 4008, no person shall hinder, obstruct, prevent or interfere with the Department or its personnel in the performance of any duty authorized under the Air Pollution Control Act.

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

#007 [25 Pa. Code §§ 127.25, 127.444, & 127.512(c)(1)]

Compliance Requirements

(a) The permittee shall comply with the conditions of this permit. Noncompliance with this permit constitutes a violation of the Clean Air Act and the Air Pollution Control Act and is grounds for one (1) or more of the following:

(1) Enforcement action

(2) Permit termination, revocation and reissuance or modification

(3) Denial of a permit renewal application

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

(c) For purposes of Sub-condition (b) of this permit condition, the specifications in applications for plan approvals and operating permits are the physical configurations and engineering design details which the Department determines are essential for the permittee's compliance with the applicable requirements in this Title V permit. 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 § 127.512(c)(2)]

Need to Halt or Reduce Activity Not a Defense

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

#009 [25 Pa. Code §§ 127.411(d) & 127.512(c)(5)]

Duty to Provide Information

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

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or to determine compliance with the permit.

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

#010 [25 Pa. Code §§ 127.463, 127.512(c)(3) & 127.542]

Reopening and Revising the Title V Permit for Cause

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

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

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

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

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

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

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

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

#011 [25 Pa. Code § 127.543]

Reopening a Title V Permit for Cause by EPA

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

#012 [25 Pa. Code § 127.541]

Significant Operating Permit Modifications

When permit modifications during the term of this permit do not qualify as minor permit modifications or administrative amendments, the permittee shall submit an application for significant Title V permit modifications in accordance with 25 Pa. Code § 127.541.

#013 [25 Pa. Code §§ 121.1 & 127.462]

Minor Operating Permit Modifications

(a) The permittee may make minor operating permit modifications (as defined in 25 Pa. Code § 121.1) in accordance with 25 Pa. Code § 127.462.

(b) Unless precluded by the Clean Air Act or the regulations thereunder, the permit shield described in 25 Pa. Code § 127.516 (relating to permit shield) shall extend to an operational flexibility change authorized by 25 Pa. Code § 127.462.

**SECTION B. General Title V Requirements**

#014 [25 Pa. Code § 127.450]

Administrative Operating Permit Amendments

(a) The permittee may request administrative operating permit amendments, as defined in 25 Pa. Code § 127.450(a), according to procedures specified in § 127.450. Administrative amendments are not authorized for any amendment precluded by the Clean Air Act or the regulations thereunder from being processed as an administrative amendment.

(b) Upon taking final action granting a request for an administrative permit amendment in accordance with § 127.450(c), the Department will allow coverage under 25 Pa. Code § 127.516 (relating to permit shield) for administrative permit amendments which meet the relevant requirements of 25 Pa. Code Article III, unless precluded by the Clean Air Act or the regulations thereunder.

#015 [25 Pa. Code § 127.512(b)]

Severability Clause

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

#016 [25 Pa. Code §§ 127.704, 127.705 & 127.707]

Fee Payment

(a) The permittee shall pay fees to the Department in accordance with the applicable fee schedules in 25 Pa. Code Chapter 127, Subchapter I (relating to plan approval and operating permit fees).

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

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

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

(e) The permittee shall pay an annual operating permit administration fee according to the fee schedule established in 25 Pa. Code § 127.704(c) if the facility, identified in Subparagraph (iv) of the definition of the term "Title V facility" in 25 Pa. Code § 121.1, is subject to Title V after the EPA Administrator completes a rulemaking requiring regulation of those sources under Title V of the Clean Air Act.

(f) This permit condition does not apply to a Title V facility which qualifies for exemption from emission fees under 35 P.S. § 4006.3(f).

#017 [25 Pa. Code §§ 127.14(b) & 127.449]

Authorization for De Minimis Emission Increases

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

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

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

SECTION B. General Title V Requirements

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

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

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

(2) One ton of NO_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 or 25 Pa. Code Article III.

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

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

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

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

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

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

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

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

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

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

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

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

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

(e) Unless precluded by the Clean Air Act or the regulations thereunder, the permit shield described in 25 Pa. Code § 127.516 (relating to permit shield) applies to de minimis emission increases and the installation of minor sources made

SECTION B. General Title V Requirements

pursuant to this permit condition.

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

(g) Except for de minimis emission increases allowed under this permit, 25 Pa. Code § 127.449, or sources and physical changes meeting the requirements of 25 Pa. Code § 127.14, the permittee is prohibited from making physical changes or engaging in activities that are not specifically authorized under this permit without first applying for a plan approval. In accordance with § 127.14(b), a plan approval is not required for the construction, modification, reactivation, or installation of the sources creating the de minimis emissions increase.

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

#018 [25 Pa. Code §§ 127.11a & 127.215]

Reactivation of Sources

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

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

#019 [25 Pa. Code §§ 121.9 & 127.216]

Circumvention

(a) The owner of this Title V facility, or any other person, may not circumvent the new source review requirements of 25 Pa. Code Chapter 127, Subchapter E by causing or allowing a pattern of ownership or development, including the phasing, staging, delaying or engaging in incremental construction, over a geographic area of a facility which, except for the pattern of ownership or development, would otherwise require a permit or submission of a plan approval application.

(b) No person may permit the use of a device, stack height which exceeds good engineering practice stack height, dispersion technique or other technique which, without resulting in reduction of the total amount of air contaminants emitted, conceals or dilutes an emission of air contaminants which would otherwise be in violation of this permit, the Air Pollution Control Act or the regulations promulgated thereunder, except that with prior approval of the Department, the device or technique may be used for control of malodors.

#020 [25 Pa. Code §§ 127.402(d) & 127.513(1)]

Submissions

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

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

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

Air Enforcement Branch (3AP12)
United States Environmental Protection Agency
Region 3
1650 Arch Street
Philadelphia, PA 19103-2029

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

SECTION B. General Title V Requirements

inquiry, the statements and information in the document are true, accurate and complete.

#021 [25 Pa. Code §§ 127.441(c) & 127.463(e); Chapter 139; & 114(a)(3), 504(b) of the CAA]

Sampling, Testing and Monitoring Procedures

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

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

#022 [25 Pa. Code §§ 127.511 & Chapter 135]

Recordkeeping Requirements

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

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

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

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

#023 [25 Pa. Code §§ 127.411(d), 127.442, 127.463(e) & 127.511(c)]

Reporting Requirements

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

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

SECTION B. General Title V Requirements

(c) Every report submitted to the Department under this permit condition shall comply with the submission procedures specified in Section B, Condition #020(c) of this permit.

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

#024 [25 Pa. Code § 127.513]

Compliance Certification

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

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

(b) The compliance certification should be postmarked or hand-delivered within thirty days of each anniversary date of the date of issuance or, of the submittal date specified elsewhere in the permit, to the Department and EPA in accordance with the submission requirements specified in condition #020 of this section.

#025 [25 Pa. Code § 127.3]

Operational Flexibility

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

- (1) Section 127.14 (relating to exemptions)
- (2) Section 127.447 (relating to alternative operating scenarios)
- (3) Section 127.448 (relating to emissions trading at facilities with Federally enforceable emissions caps)
- (4) Section 127.449 (relating to de minimis emission increases)
- (5) Section 127.450 (relating to administrative operating permit amendments)
- (6) Section 127.462 (relating to minor operating permit amendments)
- (7) Subchapter H (relating to general plan approvals and operating permits)

(b) Unless precluded by the Clean Air Act or the regulations adopted thereunder, the permit shield authorized under 25 Pa. Code § 127.516 shall extend to operational flexibility changes made at this Title V facility pursuant to this permit condition and other applicable operational flexibility terms and conditions of this permit.

#026 [25 Pa. Code §§ 127.441(d), 127.512(i) and 40 CFR Part 68]

Risk Management

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

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

(1) The permittee shall submit the first RMP to a central point specified by EPA no later than the latest of the following:

- (i) Three years after the date on which a regulated substance is first listed under § 68.130; or,
- (ii) The date on which a regulated substance is first present above a threshold quantity in a process.

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

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

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

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

(1) Submit a compliance schedule for satisfying the requirements of 40 CFR Part 68 by the date specified in 40 CFR § 68.10(a); or,

(2) Certify that the Title V facility is in compliance with all requirements of 40 CFR Part 68 including the registration and submission of the RMP.

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

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

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

(2) The permittee fails to submit a compliance schedule or include a statement in the compliance certification required under Condition #24 of Section B of this Title V permit that the Title V facility is in compliance with the requirements of Section 112(r) of the Clean Air Act, 40 CFR Part 68, and 25 Pa. Code § 127.512(i).

#027 [25 Pa. Code § 127.512(e)]

Approved Economic Incentives and Emission Trading Programs

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

#028 [25 Pa. Code §§ 127.516, 127.450(d), 127.449(f) & 127.462(g)]

Permit Shield

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

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

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

SECTION B. General Title V Requirements

facility or source.

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

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

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

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

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

(c) Unless precluded by the Clean Air Act or regulations thereunder, final action by the Department on minor or significant permit modifications, and operational flexibility changes shall be covered by the permit shield. Upon taking final action granting a request for an administrative permit amendment, the Department will allow coverage of the amendment by the permit shield in § 127.516 for administrative amendments which meet the relevant requirements of 25 Pa. Code Article III.

(d) The permit shield authorized under § 127.516 is in effect for the permit terms and conditions in this Title V permit, including administrative operating permit amendments and minor operating permit modifications.

SECTION C. Site Level Requirements

I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §123.1]

Prohibition of certain fugitive emissions

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

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

002 [25 Pa. Code §123.2]

Fugitive particulate matter

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

003 [25 Pa. Code §123.41]

Limitations

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

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

004 [25 Pa. Code §123.42]

Exceptions

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

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

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.91]

The total combined emission of nitrogen oxides (expressed as NO₂) from all sources at this facility shall not equal or exceed 100 tons in any 12 consecutive month period. Should this limitation ever be exceeded, a detailed RACT analysis which meets the criteria specified in 25 Pa. Code Section 129.92 must be submitted for all sources of nitrogen oxides at the facility which were constructed before July 15, 1994.

II. TESTING REQUIREMENTS.

006 [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.

SECTION C. Site Level Requirements

007 [25 Pa. Code §139.11]

General requirements.

- (1) As specified in 25 Pa. Code Section 139.11(1), performance tests shall be conducted while the respective source is operating at maximum routine operating conditions or under such other conditions, within the capacity of the equipment, as may be requested by the Department.
- (2) As specified in 25 Pa. Code Section 139.11(2), the Department will consider test results for approval where sufficient information is provided to verify the source conditions existing at the time of the test and where adequate data is available to show the manner in which the test was conducted. Information submitted to the Department shall include, as a minimum all of the following:
- (a) A thorough source description, including a description of any air cleaning devices and the flue.
 - (b) Process conditions, for example, the charging rate of raw materials or the rate of production of final product, boiler pressure, oven temperature and other conditions which may effect emissions from the process.
 - (c) The location of sampling ports.
 - (d) Effluent characteristics, including velocity, temperature, moisture content, gas density (percentage CO, CO₂, O₂ and N₂), static and barometric pressures.
 - (e) Sample collection techniques employed, including procedures used, equipment descriptions and data to verify that isokinetic sampling for particulate matter collection occurred and that acceptable test conditions were met.
 - (f) Laboratory procedures and results.
 - (g) Calculated results.

III. MONITORING REQUIREMENTS.

008 [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.

009 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

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

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

IV. RECORDKEEPING REQUIREMENTS.

010 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

- (1) A daily temperature log for Source P106 which includes hourly dryer temperature readings in degrees Fahrenheit for all four (4) dryer zones.
- (2) The throughput rate(s), expressed in feet per minute, of the Process Line (Sources P103, P106 and P106A).
- (3) The identity of the product(s) being produced each hour by the Process Line (Sources P103, P106 and P106A).
- (4) A corresponding notation whenever a "refiner" or "digester" incorporated in Source P103 is taken out of or placed back into service.
- (5) Any and all equipment failures and repairs of the Process Line (Sources P103, P106 and P106A) or any associated air pollution control equipment (Control Devices C04, C05, and C06), to the extent such failures or repairs adversely affect operation of any air pollution control systems or capture efficiency on the Process Line.
- (6) Daily Maintenance Time Reports reflecting work or maintenance activities associated with capture efficiency along the Process Line (Sources P103, P106 and P106A) (including but not limited to dryer seal and gasket replacements or repair) and



SECTION C. Site Level Requirements

related air pollution control systems (Control Devices C04, C05, and C06).

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

011 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall maintain a logbook of the daily inspections performed at this facility and shall record all occurrences of observed visible air contaminant emissions, visible fugitive air contaminant emissions and malodorous air contaminant emissions, the name of the company representative observing these occurrences and the date and time of each such occurrence. The permittee shall also record the corrective action(s) taken to abate each recorded deviation or to prevent future occurrences.

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

012 [25 Pa. Code §135.5]

Recordkeeping

The permittee shall maintain such records including computerized records as may be necessary to comply with 25 Pa. Code Sections 135.3 and 135.21. These may include records of production, fuel usage, maintenance of production or pollution control equipment or other information determined by the Department to be necessary for identification and quantification of potential and actual air contaminant emissions.

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

V. REPORTING REQUIREMENTS.

013 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall submit the annual compliance certifications to the Department and EPA Region III, as specified in Condition #024 of Section B, General Title V Requirements, no later than September 1 of each year (for the period beginning on July 1 of the previous year and ending June 30 of the current year).

(b) The permittee shall submit the semi-annual reports of required monitoring to the Department, as specified in Condition #023 of Section B, General Title V Requirements, no later than September 1 (for the immediately-preceding January 1 through June 30 period) and March 1 (for the immediately-preceding July 1 through December 31).

014 [25 Pa. Code §127.442]

Reporting requirements.

(a) The permittee shall report malfunctions which occur at this facility to the Department. As defined in 40 CFR Section 60.2 and incorporated by reference in 25 Pa. Code Chapter 122, a malfunction is any sudden, infrequent, and not reasonably preventable failure of air pollution control equipment, process equipment, or a process to operate in a normal or usual manner that may result in an increase in the emission of air contaminants. Failures that are caused in part by poor maintenance or careless operation are not malfunctions.

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

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

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

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

SECTION C. Site Level Requirements

(vi) corrective actions or preventative measures taken.

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

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

015 [25 Pa. Code §135.21]

Emission statements

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

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

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

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

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

016 [25 Pa. Code §135.3]

Reporting

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

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

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

VI. WORK PRACTICE REQUIREMENTS.

017 [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.

VII. ADDITIONAL REQUIREMENTS.

018 [25 Pa. Code §121.7]

Prohibition of air pollution.

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

019 [25 Pa. Code §123.31]

Limitations

The permittee shall not permit the emission of any malodorous air contaminants into the outdoor atmosphere from any



SECTION C. Site Level Requirements

source in such a manner that the malodors are detectable outside the property of the permittee on whose land the source is being operated.

020 [25 Pa. Code §129.14]

Open burning operations

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

VIII. COMPLIANCE CERTIFICATION.

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

IX. COMPLIANCE SCHEDULE.

No compliance milestones exist.

*** Permit Shield In Effect **

**SECTION D. Source Level Requirements**

Source ID: 031

Source Name: CLEAVER BROOKS BOILER 1

Source Capacity / Throughput:

35.000 MMBTU / HR

45.200 MCF / HR

Natural Gas

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

001 [25 Pa. Code §123.11]

Combustion units

The permittee shall not permit the emission of particulate matter into the outdoor atmosphere from Source 031 in excess of 0.4 pounds per million Btu of heat input.

002 [25 Pa. Code §123.22]

Combustion units

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

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.91]

The potential to emit volatile organic compounds from Sources 031 and 032 shall not exceed 3 pounds per hour, 15 pounds per day or 2.7 tons in any 12 consecutive month period. Should any of these limitations ever be exceeded, a detailed RACT analysis which meets the criteria specified in 25 Pa. Code Section 129.92 shall be submitted to the Department for these sources.

Fuel Restriction(s).

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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 (Title V General Requirements).

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.95]

The permittee shall maintain comprehensive and accurate records of the quantity of natural gas fired in Source 031 each month. All records generated pursuant to this condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

**SECTION D. Source Level Requirements****V. REPORTING REQUIREMENTS.**

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.91 through 129.95]

The permittee shall submit reports on a quarterly basis of the quantity of natural gas fired each month in Source 031 during the respective calendar quarter. The quarterly reports shall be submitted to the Department by no later than the 30th day following the respective calendar quarter (reports due by January 30, April 30, July 30 and September 30).

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source 031 is a 35 million Btu per hour, natural gas-fired Cleaver-Brooks boiler used to produce steam for the wood chip digesters.

*** Permit Shield in Effect. ***

**SECTION D. Source Level Requirements**

Source ID: 032

Source Name: CLEAVER BROOKS BOILER 2

Source Capacity / Throughput:

35.000 MMBTU / HR

45.200 MCF / HR

Natural Gas

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

001 [25 Pa. Code §123.11]

Combustion units

The permittee shall not permit the emission of particulate matter into the outdoor atmosphere from Source 032 in excess of 0.4 pounds per million Btu of heat input.

002 [25 Pa. Code §123.22]

Combustion units

The permittee shall not permit the emission of sulfur oxides, expressed as SO₂, into the outdoor atmosphere from Source 032 in excess of the rate of 4 pounds per million Btu of heat input over any 1-hour period.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.91]

The potential to emit volatile organic compounds from Sources 031 and 032 shall not exceed 3 pounds per hour, 15 pounds per day or 2.7 tons in any 12 consecutive month period. Should any of these limitations ever be exceeded, a detailed RACT analysis which meets the criteria specified in 25 Pa. Code Section 129.92 must be submitted to the Department for these sources.

Fuel Restriction(s).

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source 032 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 (Title V General Requirements).

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.95]

The permittee shall maintain comprehensive and accurate records of the quantity of natural gas fired in Source 032 each month. All records generated pursuant to this condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

**SECTION D. Source Level Requirements****V. REPORTING REQUIREMENTS.**

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.91 through 129.95]

The permittee shall submit reports on a quarterly basis of the quantity of natural gas fired each month in Source 032 during the respective calendar quarter. The quarterly reports shall be submitted to the Department by no later than the 30th day following the respective calendar quarter (reports due by January 30, April 30, July 30 and September 30).

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source 032 is a 35 million Btu per hour, natural gas-fired Cleaver-Brooks boiler used to produce steam for the wood chip digesters.

*** Permit Shield in Effect. ***

SECTION D. Source Level Requirements

Source ID: P033

Source Name: EMER GENERATOR & FIRE PUMP

Source Capacity / Throughput:

N / A

KEROSENE



I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §123.13]

Processes

The permittee shall not permit the emission of particulate matter into the outdoor atmosphere from either the emergency generator or the fire pump incorporated in Source P033 in such a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grains per dry standard cubic foot.

002 [25 Pa. Code §123.21]

General

The permittee shall not permit the emission of sulfur oxides, expressed as SO₂, into the outdoor atmosphere from either the emergency generator or the fire pump incorporated in Source P033 in such a manner that the concentration of the sulfur oxides in the effluent gas exceeds 500 parts per million, by volume, dry basis.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.91]

The potential to emit volatile organic compounds from the emergency generator and the fire pump incorporated in Source P033 shall not exceed 3 pounds per hour, 15 pounds per day or 2.7 tons in any 12 consecutive month period. Should any of these limitations ever be exceeded, a detailed RACT analysis which meets the criteria specified in 25 Pa. Code Section 129.92 shall be submitted to the Department for the emergency generator and the fire pump incorporated in Source P033.

Fuel Restriction(s).

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The emergency generator and the fire pump incorporated in Source P033 shall only be fired on kerosene.

Operation Hours Restriction(s).

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Neither the emergency generator nor the fire pump incorporated in Source P033 shall be operated in excess of 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 (Title V General Requirements).

III. MONITORING REQUIREMENTS.

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

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

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.95]

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

- 1) The quantity of kerosene fired in the emergency generator each month.
- 2) The number of hours the emergency generator is operated each month.
- 3) The quantity of kerosene fired in the fire pump each month.
- 4) The number of hours the fire pump is operated each month.

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

V. REPORTING REQUIREMENTS.

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.95]

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

- 1) The quantity of kerosene fired in the emergency generator each month during the respective calendar quarter.
- 2) The number of hours the emergency generator was operated each month during the respective calendar quarter.
- 3) The quantity of kerosene fired in the fire pump each month during the respective calendar quarter.
- 4) The number of hours the fire pump was operated each month during the respective calendar quarter.

The quarterly reports shall be submitted to the Department by no later than the 30th day following the respective calendar quarter (reports due by January 30, April 30, July 30 and September 30).

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

008 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source P033 consists of a Martin Machinery emergency electric generator driven by a 135 horsepower, kerosene-fired Cummins internal combustion engine and a Peerless fire pump driven by a 115 horsepower, kerosene-fired General Motors internal combustion engine.

*** Permit Shield in Effect. ***

**SECTION D. Source Level Requirements**

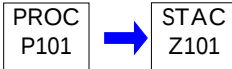
Source ID: P101

Source Name: BOARD PRINTING PRESS

Source Capacity / Throughput:

N / A

INKS

**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, 127.12, and 129.91]

The volatile organic compound emissions from Source P101 shall not exceed 10.3 tons in any 12 consecutive month period.

Throughput Restriction(s).

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, 127.12, and 129.91]

The use of Ink #2 in Source P101 shall be limited to emergency situations where Ink #1 is not available; however, the total quantity of Ink #2 used in Source P101 shall not exceed 51.5 tons in any 12 consecutive month period.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

003 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.95]

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

- 1) The identity and quantity of each ink used in Source P101 each month.
- 2) The total combined amount of volatile organic compounds emitted from Source P101 each month, as well as a copy of the calculations used to determine each of the respective monthly emission values and a copy of all supporting documentation.

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

V. REPORTING 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 129.91 through 129.95]

The permittee shall submit reports to the Department on a quarterly basis of the following:

SECTION D. Source Level Requirements

- 1) The identity and quantity of each ink used in Source P101 each month during the respective calendar quarter.
- 2) The total combined amount of volatile organic compounds emitted from Source P101 each month during the immediately-preceding 12-consecutive month period.

The quarterly reports shall be submitted to the Department no later than the 30th day following the respective calendar quarter (reports due by January 30, April 30, July 30 and October 30). The reports shall include all supporting background documentation and calculations used in the determination of the reported monthly emissions values.

VI. WORK PRACTICE 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, 127.12, and 129.91]

The only inks that shall be used in Source P101 are those identified as Ink #1 and Ink #2 in the application and supplemental materials submitted for Plan Approval 49-320-001, or inks determined by the Department to be equivalent to Ink #1 and Ink #2.

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, 127.12, and 129.91]

Under no circumstances shall any volatile organic compound-containing materials be used to clean anything associated with Source P101.

VII. ADDITIONAL REQUIREMENTS.

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1, 127.12, and 129.91]

Source P101 is a fiberboard printing operation incorporating a Kiwi #4019 printing press utilizing inks identified as Ink #1 and Ink #2.

*** Permit Shield in Effect. ***

**SECTION D. Source Level Requirements**

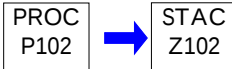
Source ID: P102

Source Name: BOARD LAMINATING OPERATION

Source Capacity / Throughput:

N / A

P GLYCOL

**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 Section 129.91]

The potential to emit volatile organic compounds from Source P102 shall not exceed 3 pounds per hour, 15 pounds per day or 2.7 tons in any 12 consecutive month period. Should any of these limitations ever be exceeded, a detailed RACT analysis which meets the criteria specified in 25 Pa. Code Section 129.92 must be submitted to the Department for this source.

002 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

The emission of any single hazardous air pollutant from Source P102 shall not exceed 1.00 ton in any 12 consecutive month period and the total combined hazardous air pollutant emissions from Source P102 shall not exceed 2.50 tons in any 12 consecutive month period.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

003 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.95]

The permittee shall maintain comprehensive and accurate records of the identity, quantity, volatile organic compound content and content of each individual hazardous air pollutant of each volatile organic compound-containing and / or volatile hazardous air pollutant-containing material used in Source P102 each month. All records generated pursuant to this condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

004 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.91 through 129.95]

The permittee shall submit reports on a quarterly basis of the identity, quantity, volatile organic compound content and content of each individual hazardous air pollutant of each volatile organic compound-containing and / or volatile hazardous air pollutant-containing material used each month in Source P102 during the respective calendar quarter. The quarterly reports shall be submitted to the Department by no later than the 30th day following the respective calendar quarter (reports due by January 30, April 30, July 30 and September 30).



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 (Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

005 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

Source P102 is a fiberboard laminating operation.

*** Permit Shield in Effect. ***

SECTION D. Source Level Requirements

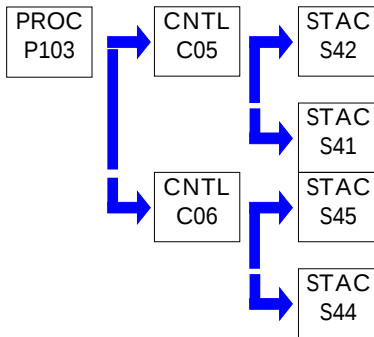
Source ID: P103

Source Name: FIBERBOARD PRODUCTION

Source Capacity / Throughput:

N / A

WOOD CHIPS



I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §123.13]

Processes

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.95]

The permittee shall maintain comprehensive and accurate records of the quantity of wood chips (in tons) processed in Source P103 each month. All records generated pursuant to this condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.91 through 129.95]

The permittee shall submit reports on a quarterly basis of the quantity of wood chips (in tons) processed each month in Source P103 during the respective calendar quarter. The quarterly reports shall be submitted to the Department by no later than the 30th day following the respective calendar quarter (reports due by January 30, April 30, July 30 and September 30).

**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 (Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source P103 consists of two wood chip digesters (Black Clawson), two refiners, two stock chests, a mix box, two machine chests, a twin-flo refiner, a deculator, a board machine headbox, a forming table, suction boxes, press rolls, a screen conveyor, and a black dye applicator. The particulate matter emissions from the two wood chip digesters shall be controlled by two Ducon scrubbers (Control Devices C05 and C06).

Sources P103, P106 and P106A comprise the "Process Line."

*** Permit Shield in Effect. ***

SECTION D. Source Level Requirements

Source ID: P106

Source Name: FIBERBOARD DRYER

Source Capacity / Throughput:

22.540 Tons / HR

FIBERBOARD

143.100 MCF / HR

Natural Gas



I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §123.13]

Processes

The permittee shall not permit the emission of particulate matter into the outdoor atmosphere from Source P106 in such a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grains per dry standard cubic foot.

002 [25 Pa. Code §123.21]

General

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

Fuel Restriction(s).

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source P106 and Control Device RTO01 shall only be fired on natural gas.

II. TESTING REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The Department reserves the right to require stack testing to determine the particulate matter and /or volatile organic compound emission rate(s) from Source P106 using test methods and procedures deemed acceptable to the Department.

III. MONITORING REQUIREMENTS.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Control Device RTO01 shall be equipped with instrumentation that continuously monitors and records the operating temperature of the device.

IV. RECORDKEEPING REQUIREMENTS.

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

All operating temperature records generated pursuant to condition #005 herein, 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 Section 129.95]

The permittee shall maintain comprehensive and accurate records of the quantity of natural gas fired in Source P106 each month. All records generated pursuant to this condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

SECTION D. Source Level Requirements**V. REPORTING REQUIREMENTS.**

008 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.91 through 129.95]

The permittee shall submit reports on a quarterly basis of the quantity of natural gas fired each month in Source P106 during the respective calendar quarter. The quarterly reports shall be submitted to the Department by no later than the 30th day following the respective calendar quarter (reports due by January 30, April 30, July 30 and September 30).

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

009 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Control Device RTO01 shall be configured such that the air stream entering the heat transfer beds does not contain filterable particulate matter in amounts that would cause frequent clogging of the beds and result in opacity and /or fugitive air contaminant violations from Source P106; it shall not be a defense in any enforcement proceeding related to excess opacity or fugitive air contaminant emissions that the unit experienced bed clogging and /or "burning out" because of bed clogging by filterable particulate.

010 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The Department reserves the right to establish a minimum operating temperature requirement for Control Device RTO01 based upon the performance of the device.

011 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source P106 is a 146 million Btu per hour, natural gas-fired, four zone COE fiberboard dryer, the air contaminant emissions from which shall be controlled by a Smith four-canister regenerative thermal oxidizer (Control Device RTO01).

Sources P103, P106 and P106A comprise the "Process Line."

012 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The video tape, as produced by Commonwealth Media Services on September 15, 1999, shall be the baseline for the Determination of Minor Significance (DMS) for Source P106. Any emissions in excess of this baseline may subject the permittee to Department enforcement action.

(b) Source P106 shall be operated in a manner consistent with those conditions as observed on September 15, 1999, as depicted on the video and consistent with normal operating conditions for which ever product is being produced.

(c) The dampers serving the yellow brick bypass stack shall be maintained so as to minimize any leakage.

(d) Source P106 shall receive preventive maintenance during its scheduled shut-downs for routine maintenance as well as any repairs that may be needed, such as leaks in seals, etc.

(e) Source P106 shall be inspected on a daily basis while operating to detect the presence of any leaks or other problems.

(f) The location of any and all leaks found from Source P106 and associated duct work, dampers, etc. shall be recorded in a log with the date, time and location of the leak noted.

(g) All preventive maintenance activities and any repairs done to Source P106 and the associated duct work, dampers, etc. shall be recorded in the log.

(h) Any leak in Source P106 and associated duct work, dampers, etc. shall be repaired in a timely fashion; i.e., during the scheduled dryer shut-down but no longer than one month from the date of discovery unless written notification has been given by the permittee to the Department.

*** Permit Shield in Effect. ***

**SECTION D. Source Level Requirements**

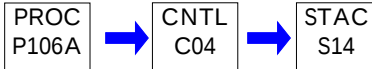
Source ID: P106A

Source Name: WET-END DRYER LOADING

Source Capacity / Throughput:

N / A

FIBERBOARD

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

001 [25 Pa. Code §123.13]

Processes

The permittee shall not permit the emission of particulate matter into the outdoor atmosphere from Source P106 in such a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grains per dry standard cubic foot.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source P106A is the wet-end loading section of Source P106, the particulate emissions from which shall be controlled by a model 96-WB, Ducon scrubber (Control Device C04).

Sources P103, P106 and P106A comprise the "Process Line."

*** Permit Shield in Effect. ***

**SECTION D. Source Level Requirements**

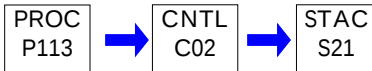
Source ID: P113

Source Name: DRY SAWS

Source Capacity / Throughput:

N / A

FIBERBOARD

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

001 [25 Pa. Code §123.13]

Processes

The permittee shall not permit the emission of particulate matter into the outdoor atmosphere from Source P113 in such a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grains per dry standard cubic foot.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source P113 consists of dry saws which trim and size dried fiberboard, the particulate matter emissions from which shall be controlled by a model 114-WB, Ducon scrubber (Control Device C02).

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

**SECTION D. Source Level Requirements**

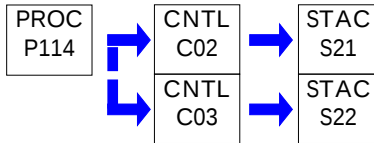
Source ID: P114

Source Name: FABRICATION SAWS

Source Capacity / Throughput:

N / A

FIBERBOARD

**I. RESTRICTIONS.**

Emission Restriction(s).

001 [25 Pa. Code §123.13]

Processes

The permittee shall not permit the emission of particulate matter into the outdoor atmosphere from Source P114 in such a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grain per dry standard cubic foot.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source P114 consists of an edge trim saw and a "Ty-Sa-Man" saw, the particulate matter emissions from which are controlled by a model 114-WB, Ducon scrubber (Control Device C02), as well as a cant saw, the particulate matter emissions from which are controlled by a model 96-WB, Ducon scrubber (Control Device C03).

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

**SECTION D. Source Level Requirements**

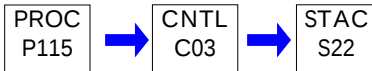
Source ID: P115

Source Name: LAMINATING SAWS

Source Capacity / Throughput:

N / A

FIBERBOARD

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

001 [25 Pa. Code §123.13]

Processes

The permittee shall not permit the emission into the outdoor atmosphere of particulate matter from Source P115 in such a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grains per dry standard cubic foot.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source P115 consists of saws used in the laminating area, the particulate matter emissions from which shall be controlled by a model 96-WB, Ducon scrubber (Control Device C03).

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

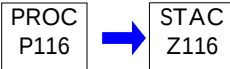
**SECTION D. Source Level Requirements**

Source ID: P116

Source Name: BLACK DYE SPRAYING OF EDGES

Source Capacity / Throughput:

N / A

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

001 [25 Pa. Code §123.13]

Processes

The permittee shall not permit the emission of particulate matter into the outdoor atmosphere from Source P116 in such a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grains per dry standard cubic foot.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.91]

The potential to emit volatile organic compounds from Source P116 shall not exceed 3 pounds per hour, 15 pounds per day or 2.7 tons in any 12 consecutive month period. Should any of these limitations ever be exceeded, a detailed RACT analysis which meets the criteria specified in 25 Pa. Code Section 129.92 must be submitted to the Department for this source.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.95]

The permittee shall maintain comprehensive and accurate records of the identity, quantity and volatile organic compound content of each volatile organic compound-containing material used in Source P116 each month. All records generated pursuant to this condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.91 through 129.95]

The permittee shall submit reports on a quarterly basis of the identity, quantity and volatile organic compound content of each volatile organic compound-containing material used each month in Source P116 during the respective calendar quarter. The quarterly reports shall be submitted to the Department by no later than the 30th day following the respective calendar quarter (reports due by January 30, April 30, July 30 and September 30).

**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 (Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

005 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

Source P116 is a black dye fiberboard edge spraying operation.

*** Permit Shield in Effect. ***

SECTION D. Source Level Requirements

Source ID: P118

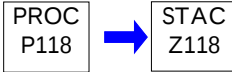
Source Name: STORAGE TANKS

Source Capacity / Throughput:

N / A

N / A

N / A



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 Section 129.91]

The potential to emit volatile organic compounds from Source P102 shall not exceed 3 pounds per hour, 15 pounds per day or 2.7 tons in any 12 consecutive month period. Should any of these limitations ever be exceeded, a detailed RACT analysis which meets the criteria specified in 25 Pa. Code Section 129.92 must be submitted to the Department for these tanks.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

002 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.95]

The permittee shall maintain comprehensive and accurate records of the identity and throughput of the material stored in each storage tank incorporated in Source P118 each month. All records generated pursuant to this condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

003 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.91 through 129.95]

The permittee shall submit reports on a quarterly basis of the identity and monthly throughput of the material stored in each storage tank incorporated in Source P118 during the respective calendar quarter. The quarterly reports shall be submitted to the Department by no later than the 30th day following the respective calendar quarter (reports due by January 30, April 30, July 30 and September 30).

VI. WORK PRACTICE REQUIREMENTS.

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

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

004 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.57]

Above ground stationary storage tanks incorporated in Source P118 with a capacity equal to or greater than 2,000 gallons shall not be used to store volatile organic compound-containing materials which have a vapor pressure greater than 1.5 psia (10.5 kilopascals), under actual storage conditions, unless the subject tank fully complies with all requirements specified in 25 Pa. Code Section 129.57.

005 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

Source P118 incorporates:

- 1) two 29,600 gallon #6 fuel oil storage tanks
- 2) one 580 gallon gasoline storage tank
- 3) one 995 gallon diesel fuel storage tank
- 4) one 580 gallon, one 300 gallon, one 197 gallon and two 55 gallon kerosene storage tanks
- 5) two 18,500 gallons asphalt storage tanks

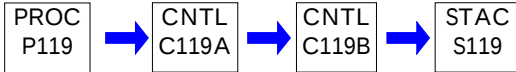
***** Permit Shield in Effect. *****

SECTION D. Source Level Requirements

Source ID: P119

Source Name: FIBERBOARD DOOR CORE SANDING OPERATION

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 permittee shall not permit the emission of particulate matter into the outdoor atmosphere from Source P119 in such a manner that the concentration of particulate matter in the effluent gas exceeds 0.01 grains per dry standard cubic foot.

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

002 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

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

At no time shall there be any visible air contaminant emissions from the exhaust of Control Device C119B other than water vapor or steam.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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, 127.12]

Control Device C119B shall be equipped with instrumentation to monitor the differential pressure across the device on a continuous basis.

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

004 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

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

The permittee shall keep on hand a sufficient quantity of spare collector cartridges for Control Device C119B in order to be able to immediately replace any cartridges requiring replacement due to deterioration resulting from the routine operation of

**SECTION D. Source Level Requirements**

Source P119 and Control Device C119B.

VII. ADDITIONAL 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]

The air compressor used to provide compressed air to Control Device C119B shall be equipped with an air dryer and oil trap.

006 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

Source P119 consists of a model KK1300, Beore sander, a model TTK1300, Beore sander and a low pressure pneumatic transfer system, the particulate matter emissions from which are controlled by a model HE-1, Pro-Fabricators cyclone separator (Control Device C119A) in series with a model GS-16, Farr cartridge collector (Control Device C119B). The low pressure pneumatic transfer system transports particulate matter from the collection hoppers of Control Devices C119A and C119B to a cyclone separator which discharges the particulate matter to the shark repulper associated with Source P103.

007 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

The permittee shall not operate Source P119 without the simultaneous operation of Control Devices C119A and C119B.

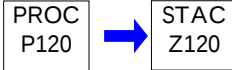
*** Permit Shield in Effect. ***

**SECTION D. Source Level Requirements**

Source ID: P120

Source Name: DEGREASING OPERATION

Source Capacity / Throughput:

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

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The total combined emission of volatile organic compounds from Source P120 shall not equal or exceed 2.7 tons in any 12 consecutive month period.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall maintain accurate and comprehensive records of the amount of solvent placed into Source P120 each month.

003 [25 Pa. Code §129.63]

Degreasing operations

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

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

All records generated pursuant to this condition shall be retained at least two (2) years and shall be made available to the Department upon request. An invoice, bill of sale, certificate that corresponds to a number of sales, Material Safety Data Sheet (MSDS), or other appropriate documentation acceptable to the Department may be used to comply with this section.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Solvents containing hazardous air pollutants shall not be used in Source P120.

005 [25 Pa. Code §129.63]

Degreasing operations

Source P120 shall have a permanent, conspicuous label summarizing the operating requirements specified in condition #008

SECTION D. Source Level Requirements

herein. In addition, the label shall also list the following discretionary good operating practices:

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

006 [25 Pa. Code §129.63]

Degreasing operations

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

007 [25 Pa. Code §129.63]

Degreasing operations

Solvents with a vapor pressure of 1.0 millimeter of mercury (mm Hg) or greater, measured at 20°C (68°F), shall not be used in Source P120.

008 [25 Pa. Code §129.63]

Degreasing operations

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

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

009 [25 Pa. Code §129.63]

Degreasing operations

Source P120 shall have a freeboard ratio of 0.50 or greater. Freeboard ratio shall be defined as the freeboard height (distance between the liquid solvent and the top edge of the cleaning machine) divided by the smaller interior dimension (length, width or diameter) of the cleaning machine.

VII. ADDITIONAL REQUIREMENTS.

010 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source P120 is a Zep immersion cold cleaning machine.

*** Permit Shield in Effect. ***



SECTION E. Alternative Operation Requirements.

No Alternative Operations exist for this Title V facility.



SECTION F. Emission Restriction Summary.

No emission restrictions listed in this section of the permit.



SECTION G. Miscellaneous.

This operating permit No. TVOP 49-00024 was originally issued on December 11, 2000 and expires on December 10, 2005. Revision No. 1 issued on December 10, 2001 was an administrative amendment to incorporate a change in ownership at this facility.

Revision No. 2 issued on July 29, 2002 was a significant operating permit modification to incorporate the terms and conditions of plan approval OP 49-0013A for the operation of a fiberboard dryer (Source ID P106) and a regenerative thermal oxidizer (ID RTO01).

Revision No. 3 issued on September 20, 2004 was an administrative amendment to incorporate the terms and conditions of plan approval 49-00024B for a door core sanding operation (Source ID P119) a cyclone separator (ID C119A), a cartridge collector (ID C119B) and a cyclone separator (ID C119C). All new requirements including new monitoring, record-keeping, and reporting conditions of the revised Title V Operating Permit, became effective on September 20, 2004.

The following air contaminant sources are considered to be of minor significance to the Department and have been determined to be exempt from permit requirements. However, this determination does not exempt the sources from compliance with all applicable air quality regulations specified in 25 Pa. Code Chapters 121-143:

1. wood chip pile
2. three wood chip silos
3. starch mixer
4. black dye mixing
5. wax storage tanks
6. repulper
7. stackers
8. reject pulper
9. depalletizers
10. accumulator
11. laminating board press
12. clean water tank
13. ash tank
14. white water storage chest
15. white water sump
16. DSM surge tank
17. clarifier
18. white water tank
19. chip conveyor
20. #1 and #2 chip bucket elevators and hoppers
21. wood chip unloading operation



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