



**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM**

STATE ONLY OPERATING PERMIT

Issue Date: November 18, 2020

Effective Date: November 18, 2020

Expiration Date: October 31, 2025

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

The regulatory or statutory authority for each permit condition is set forth in brackets. All terms and conditions in this permit are federally enforceable unless otherwise designated.

State Only Permit No: 16-00149

Federal Tax Id - Plant Code: 42-1664720-1

Owner Information

Name: CLARION LAMINATES, LLC
Mailing Address: 301 FIBERBOARD RD
SHIPPENVILLE, PA 16254-4811

Plant Information

Plant: CLARION LAMINATES LLC/SHIPPENVILLE
Location: 16 Clarion County 16921 Paint Township
SIC Code: 3996 Manufacturing - Hard Surface Floor Coverings, Nec

Responsible Official

Name: CHRISTIAN SCHWEITZER
Title: VP OF OPERATIONS
Phone: (814) 226 - 0851 Ext.1262

Permit Contact Person

Name: STEPHEN HOUSLER
Title: EHS MANAGER
Phone: (814) 226 - 0851 Ext.1038

[Signature] _____
ERIC A. GUSTAFSON, NORTHWEST REGION AIR PROGRAM MANAGER



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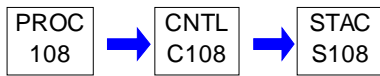
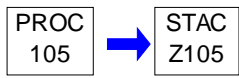
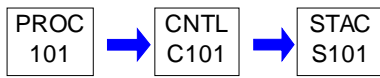
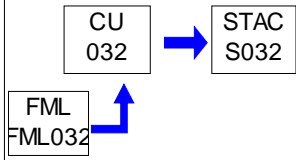
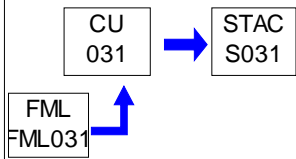
**SECTION A. Site Inventory List**

Source ID	Source Name	Capacity/Throughput		Fuel/Material
031	THERMAL OIL HEATERS, (2) NATURAL GAS FIRED	19.600	MMBTU/HR	
		19.200	MCF/HR	NATURAL GAS
032	8 DIRECT FIRED SPACE HEATERS	22.500	MMBTU/HR	
		21.420	MCF/HR	NATURAL GAS
101	LAMINATING & SAW LINE 1	18,000.000	Sq Ft/HR	MEDIUM DENSITY FIBER
102	LAMINATING & SAW LINE 2	18,000.000	Sq Ft/HR	MEDIUM DENSITY FIBER
103	PROFILING 1	1.000	Sq Ft/HR	MEDIUM DENSITY FIBER
104	PROFILING 2	1.000	Sq Ft/HR	MEDIUM DENSITY FIBER
105	CRYSTAL CLEAN DEGREASER UNIT	1.000	Lbs/HR	MINERAL SPIRITS
106	BONDING LINE #3	1.000	Sq Ft/HR	MEDIUM DENSITY FIBER
107	DUST TRANSFER	1.000	Lbs/HR	FIBERBOARD DUST
108	DUST TRANSFER RECEIVER ABOVE BIN #2	1.000	Lbs/HR	FIBERBOARD DUST
109	PROFILING LINE #3	1.000	Sq Ft/HR	MEDIUM DENSITY FIBER
C101	BAGHOUSE 1			
C102	BAGHOUSE 2			
C103	BAGHOUSE 3			
C104	BAGHOUSE 4			
C106A	#3 BONDING LINE BAGHOUSE			
C107	DUST TRANSFER BAGHOUSE			
C108	DUST TRANSFER RECEIVER ABOVE BIN #2 BAGHOUSE			
C109A	#3 PROFILING LINE BAGHOUSE			
FML031	NATURAL GAS FOR THERMAL OIL HEATER			
FML032	NATURAL GAS FOR DIRECT FIRED HEATERS			
S031	THERMAL OIL HEATER STACK			
S032	STACKS FOR 8 DIRECT FIRED HEATERS			
S101	STACK 1			
S102	STACK 2			
S103	STACK 3			
S104	STACK 4			
S106	BONDING LINE #3 BAGHOUSE STACK			
S107	DUST TRANSFER BAGHOUSE STACK			
S108	DUST TRANSFER RECEIVER ABOVE BIN #2 BAGHOUSE STACK			
S109	PROFILING LINE #3 BAGHOUSE STACK			
Z105	FUGITIVES FROM DEGREASER UNIT			

PERMIT MAPS



PERMIT MAPS



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

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

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

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

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

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

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

- (a) The permittee shall pay fees according to the following schedule specified in 25 Pa. Code § 127.703(b):
- (1) Three hundred dollars for applications filed during the 2000-2004 calendar years.
 - (2) Three hundred seventy-five dollars for applications filed for the calendar years beginning in 2005.

This fee schedule shall apply to the processing of an application for an operating permit as well as the extension,

**SECTION B. General State Only Requirements**

modification, revision, renewal, and re-issuance of each operating permit or part thereof.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

(a) The permittee shall comply with the conditions of this operating permit. Noncompliance with this permit constitutes

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a violation of the Clean Air Act and the Air Pollution Control Act and is grounds for one or more of the following:

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

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

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

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

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

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

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

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

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

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

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

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

(a) The permittee is authorized to make administrative amendments, minor operating permit modifications and

**SECTION B. General State Only Requirements**

significant operating permit modifications, under this permit, as outlined below:

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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- (1) Air conditioning or ventilation systems not designed to remove pollutants generated or released from other sources.
 - (2) Combustion units rated at 2,500,000 or less Btu per hour of heat input.
 - (3) Combustion units with a rated capacity of less than 10,000,000 Btu per hour heat input fueled by natural gas supplied by a public utility or by commercial fuel oils which are No. 2 or lighter, viscosity less than or equal to 5.82 c St, and which meet the sulfur content requirements of 25 Pa. Code §123.22 (relating to combustion units). For purposes of this permit, commercial fuel oil shall be virgin oil which has no reprocessed, recycled or waste material added.
 - (4) Space heaters which heat by direct heat transfer.
 - (5) Laboratory equipment used exclusively for chemical or physical analysis.
 - (6) Other sources and classes of sources determined to be of minor significance by the Department.
- (e) This permit does not authorize de minimis emission increases if the emissions increase would cause one or more of the following:
- (1) Increase the emissions of a pollutant regulated under Section 112 of the Clean Air Act except as authorized in Subparagraphs (c)(4) and (5) of this permit condition.
 - (2) Subject the facility to the prevention of significant deterioration requirements in 25 Pa. Code Chapter 127, Subchapter D and/or the new source review requirements in Subchapter E.
 - (3) Violate any applicable requirement of this permit, the Air Pollution Control Act, the Clean Air Act, or the regulations promulgated under either of the acts.
- (f) Emissions authorized under this permit condition shall be included in the monitoring, recordkeeping and reporting requirements of this permit.
- (g) Except for de minimis emission increases, installation of minor sources made pursuant to this permit condition and Plan Approval Exemptions under 25 Pa. Code § 127.14 (relating to exemptions), the permittee is prohibited from making changes or engaging in activities that are not specifically authorized under this permit without first applying for a plan approval. In accordance with § 127.14(b), a plan approval is not required for the construction, modification, reactivation, or installation of the sources creating the de minimis emissions increase.
- (h) The permittee may not meet de minimis emission threshold levels by offsetting emission increases or decreases at the same source.

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

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

- (1) Section 127.14 (relating to exemptions)
- (2) Section 127.447 (relating to alternative operating scenarios)
- (3) Section 127.448 (relating to emissions trading at facilities with Federally enforceable emissions caps)
- (4) Section 127.449 (relating to de minimis emission increases)
- (5) Section 127.450 (relating to administrative operating permit amendments)

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION C. Site Level Requirements****I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §121.7]****Prohibition of air pollution.**

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

002 [25 Pa. Code §123.1]**Prohibition of certain fugitive emissions**

(a) No person may permit the emission into the outdoor atmosphere of fugitive air contaminant 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) [Not applicable]

(8) [Not applicable]

(9) Sources and classes of sources other than those identified in paragraphs (1)-(8), for which the operator has obtained a determination from the Department that fugitive emissions from the source, after appropriate control, meet the following requirements:

(i) the emissions are of minor significance with respect to causing air pollution; and

(ii) the emissions are not preventing or interfering with the attainment or maintenance of any ambient air quality standard.

(b) An application form for requesting a determination under either subsection (a)(9) or 129.15(c) is available from the Department. In reviewing these applications, the Department may require the applicant to supply information including, but not limited to, a description of proposed control measures, characteristics of emissions, quantity of emissions, and ambient air quality data and analysis showing the impact of the source on ambient air quality. The applicant shall be required to demonstrate that the requirements of subsections (a)(9) and (c) and 123.2 (relating to fugitive particulate matter) or of the requirements of 129.15(c) have been satisfied. Upon such demonstration, the Department will issue a determination, in writing, either as an operating permit condition, for those sources subject to permit requirements under the act, or as an order containing appropriate conditions and limitations.

(c) [Paragraph (c) of the regulation is printed under WORK PRACTICE REQUIREMENTS in this section of permit.]

(d) [Paragraph (d) of the regulation is not applicable to this facility.]

003 [25 Pa. Code §123.2]**Fugitive particulate matter**

A person may not permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in 25 Pa. Code § 123.1(a)(1) -- (9) (relating to prohibition of certain fugitive emissions) [Condition #002 above] if such emissions are visible at the point the emissions pass outside the person's property.

**SECTION C. Site Level Requirements****# 004 [25 Pa. Code §123.31]****Limitations**

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

005 [25 Pa. Code §123.41]**Limitations**

A person may not permit the emission into the outdoor atmosphere of visible air contaminants in such a manner that the opacity of the emission is either of the following:

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

006 [25 Pa. Code §123.42]**Exceptions**

The limitations of 25 Pa. Code § 123.41 (relating to limitations) [Condition #005 above] shall not apply to a visible emission in any of the following instances:

- (1) When the presence of uncombined water is the only reason for failure of the emission to meet the limitations.
- (2) When the emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions.
- (3) When the emission results from sources specified in 25 Pa. Code § 123.1(a)(1) -- (9) (relating to prohibition of certain fugitive emissions). [123.1(a)(1) -- (9) are printed under Emission Restrictions of Condition #002 in this section of permit.]
- (4) [Not applicable]

007 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

(a) VOC emissions from the facility shall not exceed 49.5 tpy on a 12-month rolling basis. The facility consists of the Boards & Laminates plants.

[Paragraph (a) is from Section C, Condition # 001 of Plan Approval 16-132N, issued March 20, 2019, to Clarion Boards, Inc.]

(b) The Projected Actual Emissions from Laminates Source 031 (Thermal Oil Heater 1) are the following:

- (1) NOx: 1.0 tpy based on a 12-month consecutive period
- (2) VOC: 0.04 tpy based on a 12-month consecutive period

(c) The Projected Actual Emissions from Laminates Source 032 (8 Direct Fired Space Heaters) are the following:

- (1) NOx: 2.0 tpy based on a 12-month consecutive period
- (2) VOC: 0.11 tpy based on a 12-month consecutive period

[Paragraphs (b) and (c) are from Section C, Condition # 001 of Plan Approval 16-132N, issued March 20, 2019, to Clarion Boards, Inc., and from Plan Approval 16-132L. Authorization for paragraphs (b) and (c) is also from 25 Pa. Code § 127.203a(a)(5)(iii)(A)-(B).]

Operation Hours Restriction(s).**# 008 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The maximum operating hours for the facility is 7,920 hours per year.

[From Plan approval 16-149A, issued May 29, 2007, Section C, Condition # 006.]

**SECTION C. Site Level Requirements****Throughput Restriction(s).****# 009 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The maximum throughput of laminate wood flooring for the facility will be 330 million square feet per year.

[This condition is from the December 19, 2019, issuance of Plan approval 16-149E, Section C, condition # 001, and replaces the previous throughput restriction of 230 million square feet per year from plan approval 16-149A.]

II. TESTING REQUIREMENTS.**# 010 [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.

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.**# 011 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

(a) - (b) [Paragraphs (a) and (b) of 25 Pa. Code § 123.1 are printed under Emission Restrictions in this section of permit.]

(c) A person responsible for any source specified in 25 Pa. Code § (a)(1) -- (7) or (9) [Condition 002 above] shall take all reasonable actions to prevent particulate matter from becoming airborne. These actions shall include, but not be limited to, the following:

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

(d) [Paragraph (d) of the regulation is not applicable to this facility.]

**SECTION C. Site Level Requirements****# 012 [25 Pa. Code §129.14]****Open burning operations**

- (a) Air basins. [Paragraph (a) of the regulation is not applicable to this facility.]
- (b) Outside of air basins. No person may permit the open burning of material in an area outside of air basins in a manner that:
- (1) The emissions are visible, at any time, at the point such emissions pass outside the property of the person on whose land the open burning is being conducted.
 - (2) Malodorous air contaminants from the open burning are detectable outside the property of the person on whose land the open burning is being conducted.
 - (3) The emissions interfere with the reasonable enjoyment of life or property.
 - (4) The emissions cause damage to vegetation or property.
 - (5) The emissions are or may be deleterious to human or animal health.
- (c) Exceptions: The requirements of subsections (a) and (b) do not apply where the open burning operations result from:
- (1) A fire set to prevent or abate a fire hazard, when approved by the Department and set by or under the supervision of a public officer.
 - (2) A fire set for the purpose of instructing personnel in fire fighting, when approved by the Department.
 - (3) A fire set for the prevention and control of disease or pests, when approved by the Department.
 - (4) [Not applicable]
 - (5) [Not applicable]
 - (6) A fire set solely for recreational or ceremonial purposes.
 - (7) A fire set solely for cooking food.
- (d) Clearing and grubbing wastes. The following is applicable to clearing and grubbing wastes:
- (1) As used in this subsection the following terms shall have the following meanings:

Air curtain destructor -- A mechanical device which forcefully projects a curtain of air across a pit in which open burning is being conducted so that combustion efficiency is increased and smoke and other particulate matter are contained.

Clearing and grubbing wastes -- Trees, shrubs, and other native vegetation which are cleared from land during or prior to the process of construction. The term does not include demolition wastes and dirt laden roots.
 - (2) [Not applicable]
 - (3) Subsection (b) notwithstanding clearing and grubbing wastes may be burned outside of an air basin, subject to the following limitations:
 - (i) Upon receipt of a complaint or determination by the Department that an air pollution problem exists, the Department may order that the open burning cease or comply with subsection (b) of this section.
 - (ii) Authorization for open burning under this paragraph does not apply to clearing and grubbing wastes



SECTION C. Site Level Requirements

transported from an air basin for disposal outside of an air basin.

(4) During an air pollution episode, open burning is limited by Chapter 137 (relating to air pollution episodes) and shall cease as specified in such chapter.

[This permit does not constitute authorization to burn solid waste pursuant to Section 610(3) of the Solid Waste Management Act, 35 P.S. Section 6018.610(3), or any other provision of the Solid Waste Management Act.]

VII. ADDITIONAL REQUIREMENTS.

013 [25 Pa. Code §127.25]

Compliance requirement.

A person may not cause or permit the operation of a source subject to 25 Pa. Code § 127.11 (relating to plan approval requirements), unless the source and air cleaning devices identified in the application for the plan approval and the plan approval issued to the source, are operated and maintained in accordance with specifications in the application and conditions in the plan approval issued by the Department. A person may not cause or permit the operation of an air contamination source subject to this chapter in a manner inconsistent with good operating practices.

VIII. COMPLIANCE CERTIFICATION.

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

IX. COMPLIANCE SCHEDULE.

No compliance milestones exist.

**SECTION D. Source Level Requirements**

Source ID: 031

Source Name: THERMAL OIL HEATERS, (2) NATURAL GAS FIRED

Source Capacity/Throughput: 19.600 MMBTU/HR
19.200 MCF/HR NATURAL GAS

Conditions for this source occur in the following groups: 1 - COMBUSTION UNITS

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Requirements**

Source ID: 032

Source Name: 8 DIRECT FIRED SPACE HEATERS

Source Capacity/Throughput: 22.500 MMBTU/HR
21.420 MCF/HR NATURAL GAS

Conditions for this source occur in the following groups: 1 - COMBUSTION UNITS

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

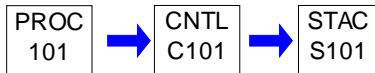
**SECTION D. Source Level Requirements**

Source ID: 101

Source Name: LAMINATING & SAW LINE 1

Source Capacity/Throughput: 18,000.000 Sq Ft/HR MEDIUM DENSITY FIBERBOARD

Conditions for this source occur in the following groups: 2 - BAGHOUSES FROM APPROVAL 16-149A

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

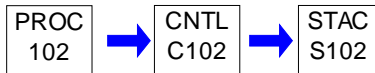
**SECTION D. Source Level Requirements**

Source ID: 102

Source Name: LAMINATING & SAW LINE 2

Source Capacity/Throughput: 18,000.000 Sq Ft/HR MEDIUM DENSITY FIBERBOARD

Conditions for this source occur in the following groups: 2 - BAGHOUSES FROM APPROVAL 16-149A

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Requirements**

Source ID: 103

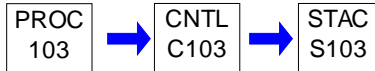
Source Name: PROFILING 1

Source Capacity/Throughput:

1.000 Sq Ft/HR

MEDIUM DENSITY FIBERBOARD

Conditions for this source occur in the following groups: 2 - BAGHOUSES FROM APPROVAL 16-149A

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Requirements**

Source ID: 104

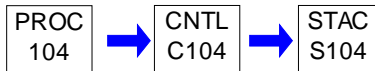
Source Name: PROFILING 2

Source Capacity/Throughput:

1.000 Sq Ft/HR

MEDIUM DENSITY FIBERBOARD

Conditions for this source occur in the following groups: 2 - BAGHOUSES FROM APPROVAL 16-149A

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Requirements**

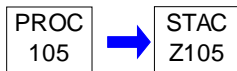
Source ID: 105

Source Name: CRYSTAL CLEAN DEGREASER UNIT

Source Capacity/Throughput:

1.000 Lbs/HR

MINERAL SPIRITS

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.**# 001 [25 Pa. Code §129.63]****Degreasing operations**

(a) Cold cleaning machines. Except for those subject to the Federal National emissions standards for hazardous air pollutants (NESHAP) for halogenated solvent cleaners under 40 CFR Part 63 (relating to National emission standards for hazardous air pollutants for source categories), this subsection applies to cold cleaning machines that use 2 gallons or more of solvents containing greater than 5% VOC content by weight for the cleaning of metal parts.

(1) Immersion cold cleaning machines shall have a freeboard ratio of 0.50 or greater.

(2) Immersion cold cleaning machines and remote reservoir cold cleaning machines shall:

(i) Have a permanent, conspicuous label summarizing the operating requirements in paragraph (3). In addition, the label shall include the following discretionary good operating practices:

(A) Cleaned parts should be drained at least 15 seconds or until dripping ceases, whichever is longer. Parts having cavities or blind holes shall be tipped or rotated while the part is draining. During the draining, tipping or rotating, the parts should be positioned so that solvent drains directly back to the cold cleaning machine.

(B) 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.

**SECTION D. Source Level Requirements**

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

(ii) Be equipped with a cover that shall be closed at all times except during cleaning of parts or the addition or removal of solvent. For remote reservoir cold cleaning machines which drain directly into the solvent storage reservoir, a perforated drain with a diameter of not more than 6 inches shall constitute an acceptable cover.

(3) Cold cleaning machines shall be operated in accordance with the following procedures:

(i) 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.

(ii) 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.

(iii) Sponges, fabric, wood, leather, paper products and other absorbent materials may not be cleaned in the cold cleaning machine.

(iv) Air agitated solvent baths may not be used.

(v) Spills during solvent transfer and use of the cold cleaning machine shall be cleaned up immediately.

(4) After December 22, 2002, a person may not use, sell or offer for sale for use in a cold cleaning machine any solvent with a vapor pressure of 1.0 millimeter of mercury (mm Hg) or greater and containing greater than 5% VOC by weight, measured at 20°C (68°F) containing VOCs.

(5) On and after December 22, 2002, a person who sells or offers for sale any solvent containing VOCs for use in a cold cleaning machine shall provide, to the purchaser, the following written information:

(i) The name and address of the solvent supplier.

(ii) The type of solvent including the product or vendor identification number.

(iii) The vapor pressure of the solvent measured in mm hg at 20°C (68°F).

(6) A person who operates a cold cleaning machine shall maintain for at least 2 years and shall provide to the Department, on request, the information specified in paragraph (5). 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.

(7) [25 Pa. Code 129.63(a)(7) is not applicable to this parts washer.]

(b) - (e) [25 Pa. Code 129.63(b) - (d) are not applicable to this parts washer.]

VII. ADDITIONAL REQUIREMENTS.

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

**SECTION D. Source Level Requirements**

Source ID: 106

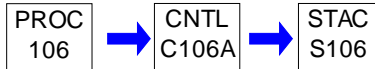
Source Name: BONDING LINE #3

Source Capacity/Throughput:

1.000 Sq Ft/HR

MEDIUM DENSITY FIBERBOARD

Conditions for this source occur in the following groups: 3 - BAGHOUSES FROM APPROVAL 16-149D

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Requirements**

Source ID: 107

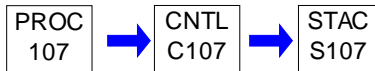
Source Name: DUST TRANSFER

Source Capacity/Throughput:

1.000 Lbs/HR

FIBERBOARD DUST

Conditions for this source occur in the following groups: 4 - BAGHOUSES FROM 16-149B/C

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

(a) Emissions shall comply with 25 Pa. Code §§ 123.1, 123.31, & 123.41 for fugitive, odor, and visible emissions respectively.

(b) No person may permit the emission into the outdoor atmosphere of particulate matter in a manner that the concentration of filterable particulate matter in the effluent gas exceeds 0.0050 grain per dry standard cubic foot.

(c) Emissions shall not exceed the following:

- (1) PM: 0.29 tpy based on a 12-month rolling total;
- (2) PM10: 0.29 tpy based on a 12-month rolling total;
- (3) PM2.5: 0.29 tpy based on a 12-month rolling total.

[From Plan Approvals 16-149B and 16-149C, Section D, Source 107, Conditions # 001.]

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).



SECTION D. Source Level Requirements

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

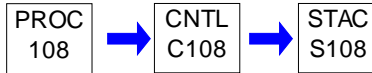
**SECTION D. Source Level Requirements**

Source ID: 108

Source Name: DUST TRANSFER RECEIVER ABOVE BIN #2

Source Capacity/Throughput: 1.000 Lbs/HR FIBERBOARD DUST

Conditions for this source occur in the following groups: 4 - BAGHOUSES FROM 16-149B/C

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

(a) Emissions shall comply with 25 Pa. Code §§ 123.1, 123.31, & 123.41 for fugitive, odor, and visible emissions respectively.

(b) No person may permit the emission into the outdoor atmosphere of particulate matter in a manner that the concentration of filterable particulate matter in the effluent gas exceeds 0.0050 grain per dry standard cubic foot.

(c) Emissions shall not exceed the following:

- (1) PM: 0.63 tpy based on a 12-month rolling total;
- (2) PM10: 0.63 tpy based on a 12-month rolling total;
- (3) PM2.5: 0.63 tpy based on a 12-month rolling total.

[From Plan Approvals 16-149B and 16-149C, Section D, Source 108, Conditions # 001.]

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).



SECTION D. Source Level Requirements

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Requirements**

Source ID: 109

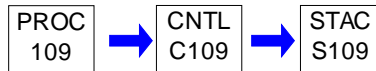
Source Name: PROFILING LINE #3

Source Capacity/Throughput:

1.000 Sq Ft/HR

MEDIUM DENSITY FIBERBOARD

Conditions for this source occur in the following groups: 3 - BAGHOUSES FROM APPROVAL 16-149D

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

**SECTION E. Source Group Restrictions.**

Group Name: 1 - COMBUSTION UNITS

Group Description: Boilers and direct fired heaters

Sources included in this group

ID	Name
031	THERMAL OIL HEATERS, (2) NATURAL GAS FIRED
032	8 DIRECT FIRED SPACE HEATERS

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

A person may not permit the emission into the outdoor atmosphere of particulate matter from a combustion unit in excess 0.4 pound per million Btu of heat input, when the heat input to the combustion unit in millions of Btus per hour is greater than 2.5 but less than 50.

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

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

Fuel Restriction(s).**# 003 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

The permittee shall use only natural gas as a fuel for this source.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.**# 004 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

The permittee shall maintain this source in accordance with manufacturer's specifications and good air pollution control practices.

VII. ADDITIONAL REQUIREMENTS.

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

**SECTION E. Source Group Restrictions.**

Group Name: 2 - BAGHOUSES FROM APPROVAL 16-149A

Group Description: Requirements from plan approval 16-149A for baghouses for laminating lines 1 & 2 and profiling

Sources included in this group

ID	Name
101	LAMINATING & SAW LINE 1
102	LAMINATING & SAW LINE 2
103	PROFILING 1
104	PROFILING 2

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

001 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

(a) Particulate emissions from the source shall not exceed 0.005 grain/dscf .

(b) Particulate emissions from the source shall not exceed 1.7 pounds per hour.

[From: Plan approval # 16-149A, Section E, Group Name Baghouses, condition # 001]

II. TESTING REQUIREMENTS.

002 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The Department reserves the right to require the confirmation of visible emissions and emission rates from the dust collectors, which may include source testing in accordance to 25 PA Code Chapter 139 (relating to sampling and testing).

[From: Plan approval # 16-149A, Section E, Group Name Baghouses, condition # 003]

III. MONITORING REQUIREMENTS.

003 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The pressure drop across the dust collectors shall be monitored on a daily basis.

[From: Plan approval # 16-149A, Section E, Group Name Baghouses, condition # 004]

004 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

(a) The permittee shall use the approved process parameters or indicators to obtain data and monitor the emission control equipment performance. The approved parameters and indicators are:

- (1) Pressure drop across the dust collector;
- (2) Visual inspections of the dust collector.

(b) The permittee shall use the approved means or devices to measure the applicable indicators. The approved measuring devices are:

- (1) Pressure gauges to measure the pressure drop across the dust collector.
- (2) Method 22 like visual observation when the dust collector is exhausting outdoors. If any emissions are detected by a Method 22-like procedure, a Method 9 test shall be performed immediately. If a Method 9 certified observer is not available at the time emissions are detected by the Method 22-like procedure, the Method 9 test shall be performed within 24-hours, except that the Method 9 test may be performed within 48 hours if emissions are detected on a Saturday, Sunday, or holiday. If a Method 9 test cannot be performed immediately, the rationale for testing at a later time shall be documented and these records kept for a period of five years. The Department shall be notified, in writing, of any such occurrence immediately.

(c) The permittee shall use the approved frequency for conducting monitoring of indicators.

**SECTION E. Source Group Restrictions.**

(1) The approved frequency is pressure drop across the dust collector measured at least once per 24-hour period when in operation.

(2) The approved frequency is Method 22 like visual observation at least once per 24-hour period when in operation and Method 9 if emissions are detected by Method 22 like visual observation. This shall only be performed when the dust collector is exhausting outdoors.

(d) The permittee shall use the approved period over which discrete data points for approved indicators will be collected and averaged for the purpose of determining an excursion. The approved period and indicators are:

(1) Pressure drop across the dust collector recorded at least once per 24-hour when in operation.

(2) Method 22 like visual observations at least once per 24-hour period when exhausting outdoors and Method 9 if emissions are detected by Method 22 like visual observation.

[From: Plan approval # 16-149A, Section E, Group 2, condition # 001]

IV. RECORDKEEPING REQUIREMENTS.**# 005 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

(a) An inspection/maintenance log shall be maintained of all repairs and maintenance performed on the control devices, including bag change-out and black light testing. This log shall be kept on file for a minimum of 5 years and made available to the Department upon request.

(b) A daily log of the pressure drop across the dust collectors shall be maintained and kept on file for a minimum of 5 years and made available to the Department upon request.

[From: Plan approval # 16-149A, Section E, Group Name Baghouses, condition # 005]

006 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

(a) The permittee shall record at least once per 24-hour period the approved indicators using approved data collecting devices.

(1) The approved data collecting devices is manual log entries based on gauge readings.

(2) The approved data collecting devices is EPA Method 22 visual observation Field Data Sheets and Method 9 observation sheets.

(b) The permittee shall record all excursions and corrective actions taken in response to an excursion and the time elapsed until the corrective actions have been taken.

(c) The permittee shall record all inspections, repair and maintenance performed on the monitoring equipment.

(d) The permittee shall maintain records of all monitoring downtime incidents (other than downtime associated with zero and span or other daily calibration checks, if applicable). The permittee shall also record the dates, times and durations, possible causes and corrective actions taken for the incidents.

(e) The permittee shall keep all records for a period of 5 years and make the records available to the Department upon request.

[From: Plan approval # 16-149A, Section E, Group 2, condition # 002]

V. REPORTING REQUIREMENTS.**# 007 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

(a) The permittee shall report all excursions and corrective actions taken, the dates, times, durations and possible causes, every 6 months.

(b) The permittee shall report all monitoring downtime incidents (other than downtime associated with zero and span or

**SECTION E. Source Group Restrictions.**

other daily calibration checks, if applicable), their dates, times and durations, possible causes and corrective actions taken, every 6 months.

[From: Plan approval # 16-149A, Section E, Group 2, condition # 003]

VI. WORK PRACTICE REQUIREMENTS.**# 008 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

- (a) The permittee shall perform a weekly preventive maintenance inspection of the control device.
- (b) The permittee shall operate the control devices at all times this source is in operation.
- (c) The Permittee shall install, maintain and operate this source and the control device in accordance with the manufacturer's specifications. The facility shall maintain a copy of the manufacturer's specifications on-site.

[From: Plan approval # 16-149A, Section E, Group Name Baghouses, condition # 008]

009 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

A magnehelic gauge, or equivalent, differential pressure gauge shall be permanently installed, operated, and maintained at a conveniently readable location to indicate the pressure drop across the collector.

[From: Plan approval # 16-149A, Section E, Group Name Baghouses, condition # 007]

010 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

- (a) The permittee shall adhere to the approved range for the selected indicator so that operation within the range shall provide reasonable assurance of compliance. A departure from the specified indicator range over a specified averaging period shall be defined as an excursion.
- (1) The permittee shall maintain the differential pressure of the baghouse in the range of 0.1 inch to 3.62 inches of water column.
 - (2) The permittee shall maintain the baghouse stack opacity limit in the range of 0 percent to 10 percent. This limit will be used as an indicator of baghouse performance.
- (b) The permittee shall utilize approved QA/QC practices that are adequate to ensure continuing validity of data and proper performance of the devices. The permittee shall, for an approved devices, install detectors or sensors at a location approved by the Department for obtaining data that are representative of the monitored indicator.
- (1) The differential pressure monitoring equipment shall be installed on the outlet of the baghouse.
 - (2) The permittee shall develop verification procedures to confirm the operational status of new or modified monitoring equipment prior to commencement of the monitoring process. The operational status pertains to the first time calibration of new or modified equipment. The permittee may compare the data with any Department approved standardized data. For example, the permittee might compare a pressure gauge at a controlled pressure to that of a pressure standard of a known accuracy.
 - (3) The permittee shall calibrate and check the accuracy of monitoring equipment taking into account the manufacturer's specifications at approved time intervals. The approved time intervals for calibration is:
 - The pressure drop gauges shall be calibrated and checked for accuracy monthly.
- (c) The permittee shall maintain all monitoring equipment and stock parts necessary for routine repairs onsite.

[From: Plan approval # 16-149A, Section E, Group 2, condition # 004]

**SECTION E. Source Group Restrictions.****VII. ADDITIONAL REQUIREMENTS.****# 011 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

Whenever a condition in this permit requires the measurement of pressure drop across any part of the unit or its control device, the gauge employed shall have a scale such that the expected normal reading shall be no less than 20 percent of full scale.

[From: Plan approval # 16-149A, Section E, Group Name Baghouses, condition # 009]

012 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The permittee shall maintain 20 percent of the total number of bags in the dust collector on site for replacement spares.

[From plan approval # 16-149A, Section E, Group Name Baghouses, condition # 010. NOTE: Dust collector bag quantities are as follows: B1 holds 360 bags; B2 holds 420 bags; P1 holds 300 bags; P2 holds 300 bags. Total bags = 1,380; 20 percent = 276 bags required to be maintained on site for replacement spares.]

**SECTION E. Source Group Restrictions.**

Group Name: 3 - BAGHOUSES FROM APPROVAL 16-149D

Group Description: Requirements from plan approval 16-149D for baghouses for bonding line # 3 and profiling line

Sources included in this group

ID	Name
106	BONDING LINE #3
109	PROFILING LINE #3

I. RESTRICTIONS.**Emission Restriction(s).****# 001 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

(a) Emissions shall comply with 25 Pa. Code §§ 123.1, 123.31, & 123.41 for fugitive, odor, and visible emissions respectively.

(b) No person may permit the emission into the outdoor atmosphere of particulate matter in a manner that the concentration of filterable particulate matter in the effluent gas exceeds 0.0040 grain per dry standard cubic foot.

(c) Emissions shall not exceed the following:

(1) PM: 6.01 tpy, calculated as a 12-month rolling total

(2) PM10: 6.01 tpy, calculated as a 12-month rolling total [Compliance with this limit will be demonstrated by compliance with the PM limit.]

(3) PM2.5: 6.01 tpy, calculated as a 12-month rolling total [Compliance with this limit will be demonstrated by compliance with the PM limit.]

[From: Plan approval # 16-149D, Section D, Sources 106 & 109, condition # 001]

II. TESTING REQUIREMENTS.**# 002 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

[The Source Testing Manual is PA DEP document number 274-0300-002. A Copy can be obtained at this web address: <http://www.dep.greenport.state.pa.us/elibrary/GetFolder?FolderID=4563>]

(a) At least 90 calendar days prior to commencing an emissions testing program, a test protocol shall be submitted to the Department for review and approval in accordance with paragraph (i) of this condition. The test protocol shall meet all applicable requirements specified in the most current version of the Department's Source Testing Manual.

(b) When testing of a source is required on a recurring basis, a single procedural protocol may be submitted for approval; thereafter, a letter, submitted at least 90 calendar days prior to commencing an emissions testing program, referencing the previously approved procedural protocol is sufficient if the letter is approved by the Department. The letter shall be submitted as required in paragraph (a). If modifications are made to the process(es), if a different stack testing company is used, or if an applicable section of the stack test manual has been revised since the approval, a new protocol shall be submitted for approval.

(c) At least 15 calendar days prior to commencing an emission testing program, notification as to the date and time of testing shall be given to the Department in accordance with paragraph (i) of this condition. Notification shall not be made without prior receipt of a protocol acceptance letter from the Department.

(d) If the proposed testing did not occur per the required notification in paragraph (c) above, an electronic mail notification shall be sent within 15 calendar days after the expected completion date of the onsite testing to the Department, in accordance with paragraph (i) of this condition, indicating why the proposed completion date of the on-site testing was not adhered to.

**SECTION E. Source Group Restrictions.**

- (e) A complete test report shall be submitted to the Department no later than 60 calendar days after completion of the onsite testing portion of an emission test program.
- (f) A complete test report shall include a summary of the emission results on the first page of the report indicating if each pollutant measured is within permitted limits and a statement of compliance or non-compliance with all applicable permit conditions. The summary results will include, at a minimum, the following information:
- (1) A statement that the owner or operator has reviewed the report from the emissions testing body and agrees with the findings.
 - (2) Permit number(s) and condition(s) which are the basis for the evaluation.
 - (3) Summary of results with respect to each applicable permit condition.
 - (4) Statement of compliance or non-compliance with each applicable permit condition.
- (g) Pursuant to 25 Pa. Code § 139.3, all submittals shall meet all applicable requirements specified in the most current version of the Department's Source Testing Manual.
- (h) All testing shall be performed in accordance with the provisions of Chapter 139 of the Rules and Regulations of the Department of Environmental Protection.
- (i) Pursuant to 25 Pa. Code §§ 139.53(a)(1) and 139.53(a)(3):
- (1) All submittals, besides notifications, shall be accomplished through PSIMS*Online, available through <https://www.depgreenport.state.pa.us/ecommm/Login.jsp>, when it becomes available.
 - (2) If internet submittal cannot be accomplished, one paper copy plus one electronic copy of all source test submissions (notifications, protocols, reports, supplemental information, etc.) shall be sent to both PSIMS Administration in Central Office and to Regional Office AQ Program Manager.
 - (i) Paper copies shall be sent using the following mailing addresses:

CENTRAL OFFICE:
Pennsylvania Department of Environmental Protection
Attn: PSIMS Administrator
P.O. Box 8468
Harrisburg, PA 17105-8468

NORTHWEST REGIONAL OFFICE:
Pennsylvania Department of Environmental Protection
Attn: Air Quality Program Manager
230 Chestnut St.
Meadville, PA 16335
 - (ii) Electronic copies shall be sent at the following e-mail addresses:

CENTRAL OFFICE:
RA-EPstacktesting@pa.gov

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

**SECTION E. Source Group Restrictions.****(k) Actions Related to Noncompliance Demonstrated by a Stack Test:**

(1) If the results of a stack test, performed as required by this approval, exceed the level specified in any condition of this approval, the Permittee shall take appropriate corrective actions. Within 30 days of the Permittee receiving the stack test results, a written description of the corrective actions shall be submitted to the Department. The Permittee shall take appropriate action to minimize emissions from the affected facility while the corrective actions are being implemented. The Department shall notify the Permittee within 30 days, if the corrective actions taken are deficient. Within 30 days of receipt of the notice of deficiency, the Permittee shall submit a description of additional corrective actions to the Department. The Department reserves the authority to use enforcement activities to resolve noncompliant stack tests.

(2) If the results of the required stack test exceed any limit defined in this plan approval, the test was not performed in accordance with the stack test protocol or the source and/or air cleaning device was not operated in accordance with the plan approval, then another stack test shall be performed to determine compliance. Within 120 days of the Permittee receiving the original stack test results, a retest shall be performed. The Department may extend the retesting deadline if the Permittee demonstrates, to the Department's satisfaction, that retesting within 120 days is not practicable. Failure of the second test to demonstrate compliance with the limits in the plan approval, not performing the test in accordance with the stack test protocol or not operating the source and/or air cleaning device in accordance with the plan approval may be grounds for immediate revocation of the plan approval to operate the affected source.

[This condition is derived from and assures compliance with Plan approval # 16-149D, Section D, Sources 106 & 109, condition # 002.]

003 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

- (a) The facility shall conduct performance testing in accordance with the provisions of Chapter 139 (relating to sampling and testing) within 6 to 12 months prior to operating permit renewal.
- (b) The stack test shall be performed while the aforementioned source is operating at the maximum but not less than the normal rated capacity as stated in the application.
- (c) Testing shall be conducted for filterable particulate matter using EPA Method 5 or other methods approved by the Department.

[From: Plan approval # 16-149D, Section D, Sources 106 & 109, condition # 002(b)]

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.**# 004 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

- (a) The permittee shall record the following operational data from the baghouse (these records may be done with strip charts recorders, data acquisition systems, or manual log entries):
 - (1) Pressure differential - daily, defined as once per calendar day
 - (2) Visible emission check - daily, defined as once per calendar day
- (b) The permittee shall maintain a record of all preventive maintenance inspections of the control device. These records shall include, at a minimum, the dates of the inspections, the name of the person performing the inspection, any problems or defects identified, any actions taken to correct the problems or defects, and any routine maintenance performed.
- (c) All records shall be kept for a period of 5 years and shall be made available to the Department upon request.

[From plan approval # 16-149D, Section D, Sources 106 & 109, condition # 003.]

**SECTION E. Source Group Restrictions.****V. REPORTING REQUIREMENTS.**

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

VI. WORK PRACTICE REQUIREMENTS.**# 005 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

(a) The permittee shall perform a daily operational inspection of the control device. As part of this operational inspection, the facility shall monitor the pressure drop across the baghouse and shall conduct a visible emission (VE) observation of the baghouse stack. The VE observation shall be 60 seconds in length with reading every 15 seconds, and if any visible emissions are observed, the facility shall perform one of the following:

(1) A Method 9 observation using a certified observer (60 minutes in duration) shall be conducted to determine compliance with the opacity limitations. A record of these readings shall be kept on-site for review; or

(2) If the facility is not capable of conducting a Method 9 observation, or determines that a problem exists in either the process or the control device, the permittee shall immediately commence the shutdown of the source and control device. The source will be shut down immediately after the observation, or in such a fashion that a safe shutdown can occur. This process shall take no more than 1 hour after the observation. A record of the shutdown shall be kept on-site for review.

(b) The permittee shall perform a monthly preventive maintenance inspection of the control device.

(c) A magnehelic gauge or equivalent shall be maintained and operated to monitor the pressure differential across the baghouse. All gauges employed shall have a scale such that the expected normal reading shall be no less than 10 percent of full scale and be accurate within plus or minus 2 percent of full scale reading.

(d) The permittee shall adhere to the approved indicator range for the baghouse so that operation within the range shall provide reasonable assurance of compliance. A departure from the specified indicator range over a specified averaging period shall be defined as an excursion. The approved indicator range for the following shall be determined during the initial performance test or any subsequently approved performance tests unless otherwise stated:

(1) Pressure drop: 1.0 to 7.0 inches water gauge or as established during compliant testing

(2) Opacity less than 20%

The permittee, with prior Departmental approval, may conduct additional performance tests to determine a new pressure drop range. Within 24-hours of discovery of a reading outside of the prescribed range the permittee shall perform a maintenance inspection on the control device and take corrective action. Records of all maintenance inspections on the control device, and corrective actions taken, shall be maintained on site for a minimum period of five years. In the event of more than one documented excursion outside the prescribed range in any calendar quarter the permittee shall submit a corrective measure plan to the Department. Corrective measures may include an increase of the frequency of required preventative maintenance inspections of the control device, a modification of the prescribed range, or other appropriate action as approved by the Department. Upon receipt of a corrective measure plan the Department shall determine the appropriate corrective measure on a case-by case basis.

(e) The permittee shall operate the control device at all times that the source is in operation.

(f) The permittee shall maintain and operate the source and control device in accordance with the manufacturer's specifications and in accordance with good air pollution control practices.

[From plan approval # 16-149D, Section D, Sources 106 & 109, condition # 001.]

VII. ADDITIONAL REQUIREMENTS.

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

**SECTION E. Source Group Restrictions.**

Group Name: 4 - BAGHOUSES FROM 16-149B/C

Group Description: Requirements from plan approvals 16-149B & C for baghouses for dust transfer

Sources included in this group

ID	Name
107	DUST TRANSFER
108	DUST TRANSFER RECEIVER ABOVE BIN #2

I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.**# 001 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

(a) The permittee shall record the following operational data from the baghouse (these records may be done with strip charts recorders, data acquisition systems, or manual log entries):

- (1) Pressure differential - daily, defined as once per calendar day
- (2) Visible emission check - daily, defined as once per calendar day

(b) The permittee shall maintain a record of all preventive maintenance inspections of the control device. These records shall include, at a minimum:

- (1) the dates of the inspections,
- (2) the name of the person performing the inspection,
- (3) any problems or defects identified,
- (4) any actions taken to correct the problems or defects, and
- (5) any routine maintenance performed.

(c) All records shall be kept for a period of 5 years and shall be made available to the Department upon request.

[From plan approvals 16-149B and 16-149C, Section D, Sources 107 & 108, Condition # 002.]

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.**# 002 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

(a) The permittee shall perform a daily operational inspection of the control device. As part of this operational inspection the facility shall monitor the pressure drop across the baghouse and shall conduct a visible emission (VE) observation of the baghouse stack. The VE observation shall be 60 seconds in length with reading every 15 seconds and if any visible emissions are observed, the facility shall perform one of the following:

- (1) A Method 9 observation using a certified observer (60 minutes in duration) shall be conducted to determine

**SECTION E. Source Group Restrictions.**

compliance with the opacity limitations. A record of these readings will be kept on-site for review; or

(2) If the facility is not capable of conducting a Method 9 observation or determines that a problem exists in either the process or the control device, the permittee will immediately commence the shutdown of the source and control device. The source will be shutdown immediately after the observation or in such a fashion that a safe shutdown can occur. This process shall take no more than 1 hour after the observation. A record of the shutdown shall be kept on-site for review.

(b) The permittee shall perform a monthly preventive maintenance inspection of the control device.

(c) A magnehelic gauge or equivalent shall be maintained and operated to monitor the pressure differential across the baghouse. All gauges employed shall have a scale such that the expected normal reading shall be no less than 10 percent of full scale and be accurate within plus or minus 2 percent of full scale reading.

(d) The permittee shall adhere to the approved indicator range for the baghouse so that operation within the range shall provide reasonable assurance of compliance. A departure from the specified indicator range over a specified averaging period shall be defined as an excursion. The approved indicator range for the following shall be determined during the initial performance test or any subsequently approved performance tests unless otherwise stated:

(1) Pressure drop: 1.0 to 7.0 inches water gauge or as established during compliant testing;

(2) Opacity less than 20 percent.

The permittee, with prior Departmental approval, may conduct additional performance tests to determine a new pressure drop range. Within 24-hours of discovery of a reading outside of the prescribed range the permittee shall perform a maintenance inspection on the control device and take corrective action. Records of all maintenance inspections on the control device, and corrective actions taken, shall be maintained on site for a minimum period of five years. In the event of more than one documented excursion outside the prescribed range in any calendar quarter the permittee shall submit a corrective measure plan to the Department. Corrective measures may include an increase of the frequency of required preventative maintenance inspections of the control device, a modification of the prescribed range, or other appropriate action as approved by the Department. Upon receipt of a corrective measure plan the Department shall determine the appropriate corrective measure on a case-by-case basis.

(e) The permittee shall operate the control device at all times that the source is in operation.

(f) The permittee shall maintain and operate the source and control device in accordance with the manufacturer's specifications and in accordance with good air pollution control practices.

[Paragraph (a) is from plan approval 16-149C, Section D, Sources 107 & 108, Condition # 003(a) as modified by the Department October 3, 2017, letter of approval allowing for the alternative to shut down the source if visible emissions are observed. Paragraphs (b) through (f) are from plan approvals 16-149B and 16-149C, Section D, Sources 107 & 108, Condition # 003(b)-(f).]

VII. ADDITIONAL REQUIREMENTS.

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



SECTION F. Alternative Operation Requirements.

No Alternative Operations exist for this permit.

**SECTION G. Emission Restriction Summary.**

Source Id	Source Descriptor		
031	THERMAL OIL HEATERS, (2) NATURAL GAS FIRED		
Emission Limit			
4.000	Lbs/MMBTU	heat input, from 25 Pa Code 123.22	SOX
0.400	Lbs/MMBTU	heat input, from 25 Pa Code 123.11	TSP
032	8 DIRECT FIRED SPACE HEATERS		
Emission Limit			
4.000	Lbs/MMBTU	heat input, from 25 Pa Code 123.22	SOX
0.400	Lbs/MMBTU	heat input, from 25 Pa Code 123.11	TSP
101	LAMINATING & SAW LINE 1		
Emission Limit			
0.005	gr/DRY FT3	from plan approval 16-149A	TSP
1.700	Lbs/Hr	from plan approval 16-149A	TSP
102	LAMINATING & SAW LINE 2		
Emission Limit			
0.005	gr/DRY FT3	from plan approval 16-149A	TSP
1.700	Lbs/Hr	from plan approval 16-149A	TSP
103	PROFILING 1		
Emission Limit			
0.005	gr/DRY FT3	from plan approval 16-149A	TSP
1.700	Lbs/Hr	from plan approval 16-149A	TSP
104	PROFILING 2		
Emission Limit			
0.005	gr/DRY FT3	from plan approval 16-149A	TSP
1.700	Lbs/Hr	from plan approval 16-149A	TSP
106	BONDING LINE #3		
Emission Limit			
6.010	Tons/Yr	based on a 12-month rolling total. From plan approval 16-149D	PM10
6.010	Tons/Yr	based on a 12-month rolling total. From plan approval 16-149D	PM2.5
0.004	gr/DRY FT3	From plan approval 16-149D	TSP
6.010	Tons/Yr	based on a 12-month rolling total. From plan approval 16-149D	TSP
107	DUST TRANSFER		
Emission Limit			
0.290	Tons/Yr	based on a 12-month rolling total. From plan approvals 16-149B/C	PM10
0.290	Tons/Yr	based on a 12-month rolling total. From plan approvals 16-149B/C	PM2.5
0.005	gr/DRY FT3	From plan approvals 16-149B/C	TSP
0.290	Tons/Yr	based on a 12-month rolling total. From plan approvals 16-149B/C	TSP

**SECTION G. Emission Restriction Summary.**

Source Id	Source Description	
108	DUST TRANSFER RECEIVER ABOVE BIN #2	
Emission Limit		
0.630 Tons/Yr	based on a 12-month rolling total. From plan approvals 16-149B/C	PM10
0.630 Tons/Yr	based on a 12-month rolling total. From plan approvals 16-149B/C	PM2.5
0.005 gr/DRY FT3	From plan approvals 16-149B/C	TSP
0.630 Tons/Yr	based on a 12-month rolling total. From plan approvals 16-149B/C	TSP
109	PROFILING LINE #3	
Emission Limit		
6.010 Tons/Yr	based on a 12-month rolling total. From plan approval 16-149D	PM10
6.010 Tons/Yr	based on a 12-month rolling total. From plan approval 16-149D	PM2.5
0.004 gr/DRY FT3	From plan approval 16-149D	TSP
6.010 Tons/Yr	based on a 12-month rolling total. From plan approval 16-149D	TSP

Site Emission Restriction Summary

Emission Limit	Pollutant
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**SECTION H. Miscellaneous.**

(a) This State Only natural minor facility is located at 301 Fiberboard Road, Shippenville, PA 16254.

Clarion Boards, LLC, a Title V facility (permit # 16-00132) is located at 143 Fiberboard Road, Shippenville, PA 16254.

The two facilities are directly adjacent to one another and share common ownership; both facilities, as well as Clarion Industries, Inc., are owned by Kronospan, Inc.

(b) The Capacity/Throughput numbers listed in Section A, the Site Inventory List, and provided in Section D of this permit for individual sources are for informational purposes only and are not to be considered enforceable limits. Enforceable emission limits are listed in the Restrictions section for each source and source group and in Section C. The emission limitations contained in Section G of this permit are for informational purposes and are not to be considered as enforceable limits.

(c) Abbreviations used in this permit:

Schematics:

FML: Fuel material location
 CU: Combustion Unit
 PROC: Process
 CNTL: Control device
 STAC: Stack. The stack can represent either the emission point or fugitive emissions in a permit map.

Pollutants:

CO: Carbon Monoxide
 NOx: Nitrogen Oxides
 SOx: Sulfur Oxides
 TSP: Total Suspended Particulate
 VOC: Volatile Organic Compounds
 HAP: Hazardous Air Pollutant

Source ID: Department assigned ID number for the source

Source Name: Department assigned name for the source

Capacity/Throughput: The maximum rated capacity or throughput for the source. The maximum rated capacity or throughput is not considered an enforceable limit. Enforceable limits are contained within the conditions of the permit.

Fuel/Material: The fuel/material assigned to SCC for the source

CAM: Compliance Assurance Monitoring (40 CFR Part 64)

CFR: Code of Federal Regulations

CI: Combustion Ignition

CMS: Continuous Monitoring System

Department: Pennsylvania Department of Environmental Protection (the DEP)

eFacts: Environmental Facility Application Compliance Tracking System -- the DEP electronic database for inspection reports

ICE: Internal Combustion Engine

ICI: Industrial, Commercial, and Institutional

NESHAP: National Emission Standards for Hazardous Air Pollutants (40 CFR Part 63)

NSPS: New Source Performance Standards (40 CFR Part 60)

NWRO: Northwest Regional Office of PA DEP

RACT I: The Reasonably Available Control Technology requirements of 25 Pa. Code §§ 129.93 through 129.95 promulgated on January 14, 1994, for control of NOx and VOC.

RACT II: The Reasonably Available Control Technology requirements of 25 Pa. Code §§ 129.96 through 129.100 promulgated on April 23, 2016 for control of NOx and VOC.

RFD: Request for Determination of Changes of Minor Significance & Exemption from plan approval.

RICE: Reciprocating Internal Combustion Engine

SCC: Source Classification Code as defined by EPA

SI: Spark Ignition

Source: An air contamination source (25 Pa. Code § 121.1).

(c) All reports, submittals, and other communications required by this permit shall be submitted to the following office.

Bureau of Air Quality
 Department of Environmental Protection

**SECTION H. Miscellaneous.**

230 Chestnut Street
Meadville, PA 16335
814-332-6940 (phone)
814-332-6121 (fax)
Office Hours 8 a.m. - 4 p.m.
800-541-2050 (after hours)

Spills and other emergencies should be reported immediately to DEP by telephone at 800-541-2050.

(d) The following sources/activities have been determined to be of minor significance with respect to emissions of regulated air pollutants and have no applicable emission, testing, monitoring, recordkeeping, or reporting requirements.

- Acetone hand degreaser process is an insignificant activity and there are no applicable requirements for this source.

(e) This permit was issued on May 25, 2010.

(f) This permit was administratively amended on November 22, 2013 to change the responsible official to Christian Schweitzer-Vice President of Operations and change the permit contact to Don Zetwick - Environmental Coordinator.

(g) This permit was renewed on May 19, 2015 and, included the change in permit contact from Mr. Dan Zetwick to Mr. Matthew Hokins - Environmental Coordinator.

(h) This permit was administratively amended on November 8, 2017 to incorporate the requirements of Plan Approvals 16-149B and C.

(i) This operating permit renewal, effective November 18, 2020, is issued on November 18, 2020. The following actions are incorporated into the permit with this renewal.

- An administrative amendment to incorporate the conditions of plan approval 16-149D; and
- An administrative amendment to incorporate the conditions of plan approval 16-149E;
- A determination that this natural minor facility is not aggregated together with the adjacent Clarion Boards facility for the purpose of the federal CAM requirements of 40 CFR Part 64 and that CAM does not apply to this facility.



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