COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

TITLE V/STATE OPERATING PERMIT

Issue Date: July 24, 2019 Effective Date: July 24, 2019

Expiration Date: June 30, 2024

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

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

TITLE V Permit No: 25-00783

Federal Tax Id - Plant Code: 46-5418949-1

Owner Information

Name: HAYSITE REINFORCED PLASTICS LLC
Mailing Address: 5599 PERRY HWY
ERIE, PA 16509-3562

Plant Information

Plant: HAYSITE REINFORCED PLASTICS LLC/ERIE
Location: 25 Erie County 25002 Millcreek Township
SIC Code: 3083 Manufacturing - Laminated Plastics, Plate And Sheet

Responsible Official

Name: DAVID JANAS
Title: DIRECTOR OF OPERATIONS
Phone: (814) 868 - 3691 Ext.236

Permit Contact Person

Name: HEATHER RAVENSCROFT
Title: SAFETY & ENV. ENGINEER
Phone: (814) 868 - 3691 Ext.225

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

SECTION A. Table of Contents

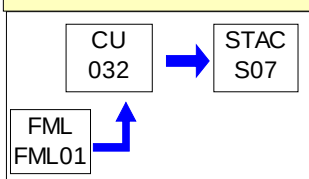
SECTION A. Table of Contents

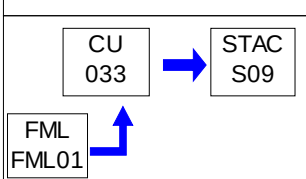
Note: These same sub-sections are repeated for each source!

SECTION A. Site Inventory List

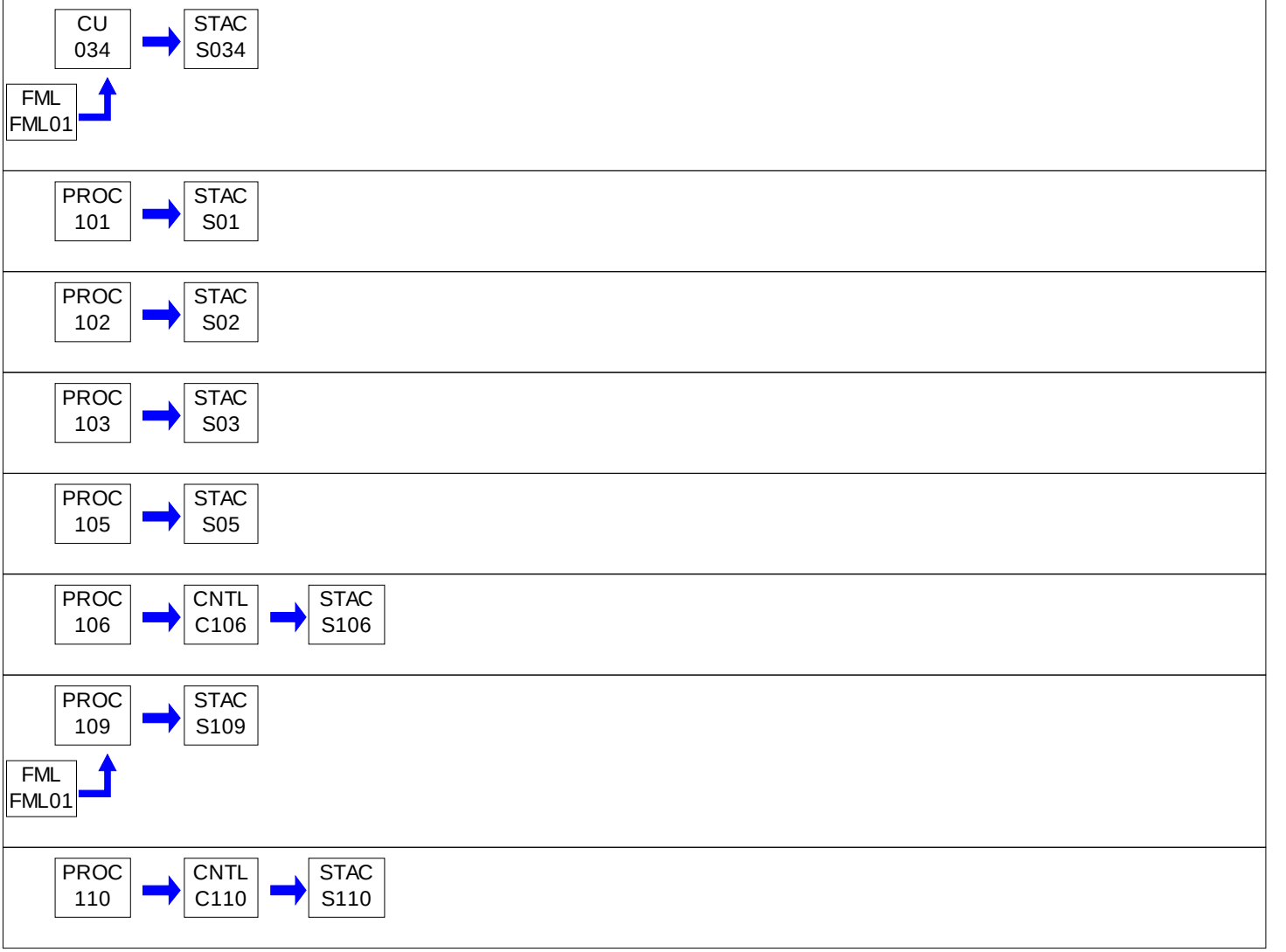
Source ID	Source Name	Capacity/Throughput		Fuel/Material
032	BOILER 2, NORTH AMERICAN	4.200	MMBTU/HR	
		4.100	MCF/HR	Natural Gas
033	MISC COMBUSTION UNITS	3.075	MMBTU/HR	
		3.015	MCF/HR	Natural Gas
034	BOILER 3, BURNHAM	4.184	MMBTU/HR	
		4.184	MCF/HR	Natural Gas
101	FLAT SHEET MOLDING	0.770	Tons/HR	RESIN MIX, GLASS SHEE
102	BMC AND SMC COMPRESSION MOLDING	0.171	Tons/HR	BULK / SHEET MOLDING
103	SMC MACHINE	115.000	Lbs/HR	THERMOSET RESIN MIX,
105	PULTRUSION MOLDING	104.000	Lbs/HR	REINFORCED GLASS FIB
106	MIX ROOM	1.000	Lbs/HR	THERMOSET RESIN,STYF
109	30 HP NATURAL GAS FUELED EMERGENCY GENERATOR	988.000	CF/HR	Natural Gas
110	PULTRUSION SAWS	1.000	Lbs/HR	FIBERGLASS REINFORCI
C106	MIX ROOM DUST COLLECTOR			
C110	DONALDSON TORIT DUST COLLECTOR FOR PUTRUSION SAWS			
FML01	NATURAL GAS PIPELINE			
S01	#1 ROOF TOP EXHAUST FAN			
S02	#2 ROOF TOP EXHAUST FAN			
S03	#3 ROOF TOP DISCHARGE VENT			
S034	STACK FOR BURNHAM BOILER			
S05	#5 ROOF TOP EXHAUST FAN			
S07	BOILER 2 EXHAUST STACK			
S09	MISC COMBUSTION VENTS			
S106	MIX ROOM VENT			
S109	EMERGENCY GENERATOR STACK			
S110	STACK FOR TORIT DFE DUST COLLECTOR FOR PULTRUSION SAWS			

PERMIT MAPS





PERMIT MAPS


CU 034
STAC S034
FML FML01
PROC 101
STAC S01
PROC 102
STAC S02
PROC 103
STAC S03
PROC 105
STAC S05
PROC 106
CNTL C106
STAC S106
PROC 109
STAC S109
FML FML01
PROC 110
CNTL C110
STAC S110

SECTION B. General Title V Requirements

#001 [25 Pa. Code § 121.1]

Definitions

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

#002 [25 Pa. Code § 121.7]

Prohibition of Air Pollution

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

#003 [25 Pa. Code § 127.512(c)(4)]

Property Rights

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

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

Permit Expiration

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

#005 [25 Pa. Code §§ 127.412, 127.413, 127.414, 127.446(e) & 127.503]

Permit Renewal

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

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

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

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

#006 [25 Pa. Code §§ 127.450(a)(4) & 127.464(a)]

Transfer of Ownership or Operational Control

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

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

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

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

SECTION B. General Title V Requirements

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

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

Inspection and Entry

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

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

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

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

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

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

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

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

Compliance Requirements

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

(1) Enforcement action

(2) Permit termination, revocation and reissuance or modification

(3) Denial of a permit renewal application

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

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

#009 [25 Pa. Code § 127.512(c)(2)]

Need to Halt or Reduce Activity Not a Defense

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

#010 [25 Pa. Code §§ 127.411(d) & 127.512(c)(5)]

Duty to Provide Information

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

SECTION B. General Title V Requirements

to determine compliance with the permit.

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

#011 [25 Pa. Code §§ 127.463, 127.512(c)(3) & 127.542]

Reopening and Revising the Title V Permit for Cause

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

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

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

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

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

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

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

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

#012 [25 Pa. Code § 127.543]

Reopening a Title V Permit for Cause by EPA

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

#013 [25 Pa. Code § 127.522(a)]

Operating Permit Application Review by the EPA

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

R3_Air_Apps_and_Notices@epa.gov

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

#014 [25 Pa. Code § 127.541]

Significant Operating Permit Modifications

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

SECTION B. General Title V Requirements

25 Pa. Code § 127.541. Notifications to EPA, pursuant to 25 PA Code §127.522(a), if required, shall be submitted, to the following EPA e-mail box:

R3_Air_Apps_and_Notices@epa.gov

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

#015 [25 Pa. Code §§ 121.1 & 127.462]

Minor Operating Permit Modifications

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

R3_Air_Apps_and_Notices@epa.gov

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

#016 [25 Pa. Code § 127.450]

Administrative Operating Permit Amendments

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

R3_Air_Apps_and_Notices@epa.gov

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

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

#017 [25 Pa. Code § 127.512(b)]

Severability Clause

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

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

Fee Payment

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

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

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

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

SECTION B. General Title V Requirements

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

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

#019 [25 Pa. Code §§ 127.14(b) & 127.449]

Authorization for De Minimis Emission Increases

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

SECTION B. General Title V Requirements

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

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

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

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

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

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

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

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

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

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

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

#020 [25 Pa. Code §§ 127.11a & 127.215]

Reactivation of Sources

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

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

#021 [25 Pa. Code §§ 121.9 & 127.216]

Circumvention

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

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

SECTION B. General Title V Requirements

the device or technique may be used for control of malodors.

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

Submissions

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

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

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

Office of Air Enforcement and Compliance Assistance (3AP20)
United States Environmental Protection Agency
Region 3
1650 Arch Street
Philadelphia, PA 19103-2029

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

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

Sampling, Testing and Monitoring Procedures

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

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

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

Recordkeeping Requirements

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

(1) The date, place (as defined in the permit) and time of sampling or measurements.

(2) The dates the analyses were performed.

(3) The company or entity that performed the analyses.

(4) The analytical techniques or methods used.

(5) The results of the analyses.

(6) The operating conditions as existing at the time of sampling or measurement.

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

SECTION B. General Title V Requirements

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

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

Reporting Requirements

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

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

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

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

#026 [25 Pa. Code § 127.513]

Compliance Certification

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

(1) The identification of each term or condition of the permit that is the basis of the certification.

(2) The compliance status.

(3) The methods used for determining the compliance status of the source, currently and over the reporting period.

(4) Whether compliance was continuous or intermittent.

(b) The compliance certification shall be postmarked or hand-delivered no later than thirty days after each anniversary of the date of issuance of this Title V Operating Permit, or on the submittal date specified elsewhere in the permit, to the Department and EPA in accordance with the submission requirements specified in condition #022 of this section.

#027 [25 Pa. Code § 127.3]

Operational Flexibility

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

(1) Section 127.14 (relating to exemptions)

SECTION B. General Title V Requirements

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

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

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

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

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

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

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

Risk Management

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

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

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

(i) Three years after the date on which a regulated substance is first listed under § 68.130; or,

(ii) The date on which a regulated substance is first present above a threshold quantity in a process.

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

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

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

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

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

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

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

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

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

SECTION B. General Title V Requirements

(2) The permittee fails to submit a compliance schedule or include a statement in the compliance certification required under Condition #26 of Section B of this Title V permit that the Title V facility is in compliance with the requirements of Section 112(r) of the Clean Air Act, 40 CFR Part 68, and 25 Pa. Code § 127.512(i).

#029 [25 Pa. Code § 127.512(e)]

Approved Economic Incentives and Emission Trading Programs

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

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

Permit Shield

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

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

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

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

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

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

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

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

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

SECTION C. Site Level Requirements

I. RESTRICTIONS.

Emission Restriction(s).

 # 001 [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.

 # 002 [25 Pa. Code §123.2]

Fugitive particulate matter

A person may not permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in 25 Pa. Code §123.1(a)(1) - (9) [above Condition #001] (relating to prohibition of certain fugitive emissions) if such emissions are visible at the point the emissions pass outside the person's property.

 # 003 [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.

 # 004 [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.

 # 005 [25 Pa. Code §123.42]

Exceptions

The limitations of 25 Pa. Code §123.41 (relating to limitations) [Condition #004 above] shall not apply to a visible emission in any of the following instances:

SECTION C. Site Level Requirements

(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).

(4) [Not applicable.]

 # 006 [25 Pa. Code §129.14]

Open burning operations

(a) Air basins. No person may permit the open burning of material in an air basin.

(b) Not Applicable.

(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) Subsection (a) notwithstanding, clearing and grubbing wastes may be burned in a basin subject to the following requirements:

(i) Air curtain destructors shall be used when burning clearing and grubbing wastes.

(ii) Each proposed use of air curtain destructors shall be reviewed and approved by the Department in writing with respect to equipment arrangement, design and existing environmental conditions prior to commencement of burning. Proposals approved under this subparagraph need not obtain plan approval or operating permits under Chapter 127 (relating to construction modification, reactivation and operation of sources).

(iii) Approval for use of an air curtain destructor at one site may be granted for a specified period not to exceed 3 months, but may be extended for additional limited periods upon further approval by the Department.

SECTION C. Site Level Requirements

(iv) The Department reserves the right to rescind approval granted if a determination by the Department indicates that an air pollution problem exists.

(3) Not Applicable.

(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 6019.610(3), or any other provision of the Solid Waste Management Act.]

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

 # 007 [25 Pa. Code §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.

 # 008 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

(a) The permittee shall conduct monitoring of the plant property, while the facility is in operation, for the presence of visible emissions in violation of 25 Pa. Code §123.41, fugitive particulate matter in violation of 25 Pa. Code §123.2, and malodors in violation of 25 Pa. Code §123.31. The monitoring shall be conducted according to the following schedule.

(1) Daily monitoring. Perform determinations once per day, on each day plant processes are in operation, except as allowed by (a)(2) and (a)(3) below.

(2) Weekly monitoring. If no emissions or malodors are detected for 10 consecutive work days of plant operations, then the frequency of monitoring may be decreased to weekly. If emissions or malodors are detected, then resume daily monitoring in accordance with (a)(1).

(3) Monthly monitoring. If no emissions or malodors are detected for 4 consecutive work weeks of plant operations, then the frequency of monitoring may be decreased to monthly. If emissions or malodors are detected, then resume weekly monitoring in accordance with (a)(2).

(b) All detected visible emissions and malodors shall be reported to the shift supervisor for corrective action and recordkeeping.

IV. RECORDKEEPING REQUIREMENTS.

 # 009 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

The permittee shall maintain a record of all visible emission and malodor monitoring and maintain records of corrective action taken to abate the presence or prevent future occurences of emissions and malodors.

 # 010 [25 Pa. Code §135.5]

Recordkeeping

SECTION C. Site Level Requirements

Source owners or operators shall maintain and make available upon request by the Department records including computerized records that may be necessary to comply with §§ 135.3 and 135.21 (relating to reporting; and emission statements). These may include records of production, fuel usage, maintenance of production or pollution control equipment or other information determined by the Department to be necessary for identification and quantification of potential and actual air contaminant emissions. If direct recordkeeping is not possible or practical, sufficient records shall be kept to provide the needed information by indirect means.

V. REPORTING REQUIREMENTS.

 # 011 [25 Pa. Code §127.11a]

Reactivation of sources.

(a) Except as provided by § 127.215 (relating to reactivation), a source which has been out of operation or production for at least 1 year but less than or equal to 5 years may be reactivated and will not be considered a new source if the following conditions are satisfied:

(1) The owner or operator shall, within 1 year of the deactivation submit to the Department and implement a maintenance plan which includes the measures to be taken, including maintenance, upkeep, repair or rehabilitation procedures, which will enable the source to be reactivated in accordance with the terms of the permit issued to the source.

(2) The owner or operator shall submit a reactivation plan to the Department for approval at least 60 days prior to the proposed date of reactivation. The reactivation plan shall include sufficient measures to ensure that the source will be reactivated in compliance with the permit requirements. The permittee may submit a reactivation plan to the Department at any time during the term of its operating permit. The reactivation plan may also be submitted to and reviewed by the Department as part of the plan approval or permit application or renewal process.

(3) The owner or operator of the source shall submit a notice to the Department within 1 year of deactivation requesting preservation of emissions in the inventory and indicating the intent to reactivate the source.

(4) The owner or operator of the source shall comply with the terms and conditions of the maintenance plan while the source is deactivated, and shall comply with the terms of the reactivation plan and operating permit upon reactivation.

(5) The owner or operator of the source with an approved reactivation plan and operating permit shall notify the Department in writing at least 30 days prior to reactivation of the source.

(b) A source which has been out of operation or production for more than 5 years but less than 10 years may be reactivated and will not be considered a new source if the following conditions are satisfied:

(1) The owner or operator of the source complies with the requirements of subsection (a).

(2) The owner or operator of the source obtains a plan approval and operating permit which requires that the emission of air contaminants from the source will be controlled to the maximum extent, consistent with the best available technology as determined by the Department as of the date of reactivation.

(c) A source which has been out of operation for 10 or more years shall meet the requirements of this chapter applicable to a new source.

(d) Other provisions of this section to the contrary notwithstanding, a source that is out of production or operation on November 26, 1994, shall have 1 year to demonstrate compliance with the requirements of subsection (a)(1), (3) and (4).

(e) [Not applicable to this facility.]

(f) The source shall have an operating permit prior to reactivation.

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Definitions from 25 Pa. Code §121.1:

SECTION C. Site Level Requirements

Source - An air contamination source.

Facility - An air contamination source or a combination of air contamination sources located on one or more contiguous or adjacent properties and which is owned or operated by the same person under common control.

 # 012 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The 6-month monitoring and deviation reports, required under Section B Condition #025, and the semi-annual compliance report(s), required under 40 CFR §§ 63.5910 and 63.6640(b), shall be submitted to the Department within 1 month of the end of the reporting period. The 6-month deviation and semi-annual compliance report shall cover the following periods unless otherwise approved by the Department.

(1) October 1 through March 31;
(2) April 1 through September 30.

(b) In accordance with 25 Pa. Code § 127.513 and with Section B Condition #026 of this permit, the annual compliance certification report shall be submitted to both the Department and EPA within 30 days of the end of the reporting period. The annual compliance certification shall cover the following period unless otherwise approved by the Department.

• October 1 through September 30.

(c) All submittals to the Department required by this permit shall be mailed to the following address.

Bureau of Air Quality
Department of Environmental Protection
230 Chestnut Street
Meadville, PA 16335
814-332-6940 (phone)
814-332-6121 (fax)

(d) The addresses for EPA submittals are as follows.

(1) The mailing address is:

Section Chief
U.S. Environmental Protection Agency Region III
Enforcement and Compliance Assurance Division
Air Section (3ED21)
1650 Arch Street
Philadelphia, PA 19103-2029

(2) Electronic compliance certifications may be sent to the EPA at the following email address.

R3_APD_Permits@epa.gov

Include the following in the email subject line:

• name of facility, state, and Title V operating permit number.

 # 013 [25 Pa. Code §135.21]

Emission statements

(a) Except as provided in subsection (d) [of 25 Pa. Code §135.21], this section applies to stationary sources or facilities:

(1) Not applicable.

(2) Not located in an area described in subparagraph (1) and included in the Northeast Ozone Transport Region which emit or have the potential to emit 100 tons or more oxides of nitrogen or 50 tons or more of VOC per year.

SECTION C. Site Level Requirements

(b) The owner or operator of each stationary source emitting oxides of nitrogen or VOC's shall provide the Department with a statement, in a form as the Department may prescribe, for classes or categories of sources, showing the actual emissions of oxides of nitrogen and VOCs from that source for each reporting period, a description of the method used to calculate the emissions and the time period over which the calculation is based. The statement shall contain a certification by a company officer or the plant manager that the information contained in the statement is accurate.

(c) Annual emission statements are due by March 1 for the preceding calendar year beginning with March 1, 1993, for calendar year 1992 and shall provide data consistent with requirements and guidance developed by the EPA. The guidance document is available from: United States Environmental Protection Agency, 401 M. Street, S.W., Washington, D.C. 20460. The Department may require more frequent submittals if the Department determines that one or more of the following applies:

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

(2) Analysis of the data on a more frequent basis is necessary to implement the requirements of the act.

(d) Subsection (a) [of 25 Pa. Code §135.21] does not apply to a class or category of stationary sources which emits less than 25 tons per year of VOC's or oxides of nitrogen, if the Department in its submissions to the Administrator of the EPA under section 182(a)(1) or (3)(B)(ii) of the Clean Air Act (42 U.S.C.A. 7511a(a)(1) or (3)(B)(ii)) provides an inventory of emissions from the class or category of sources based on the use of the emission factors established by the Administrator or other methods acceptable to the Administrator. The Department will publish in the Pennsylvania Bulletin a notice of the lists of classes or categories of sources which are exempt from the emission statement requirement under this subsection.

 # 014 [25 Pa. Code §135.3]

Reporting

(a) The permittee shall submit, by March 1 of each year, a source report for the preceding calendar year. The report shall include information for all previously reported sources, new sources which were first operated during the proceeding calendar year and sources modified during the same period which were not previously reported.

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

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

 # 015 [25 Pa. Code §135.4]

Report format

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

VI. WORK PRACTICE REQUIREMENTS.

 # 016 [25 Pa. Code §123.1]

Prohibition of certain fugitive emissions

A person responsible for any source specified in 25 Pa. Code §123.1(a)(1) - (7) or (9) [printed above in Condition #001] 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.

SECTION C. Site Level Requirements

(4) Prompt removal of earth or other material from paved streets onto which earth or other material has been transported by trucking or earth moving equipment, erosion by water, or other means.

VII. ADDITIONAL REQUIREMENTS.

 # 017 [25 Pa. Code §121.1 A - L]

Definitions.

[Selected definitions are printed here. Refer to regulation for remaining definitions of 25 Pa. Code §121.1 at this link: https://www.pacode.com/secure/data/025/chapter121/s121.1.html]

Deviation -- An activity that occurred at a source owned or operated in this Commonwealth by the applicant, permittee or related party within the 5 years prior to the date of submission of the compliance review form but not prior to July 9, 1992, that has not been formally documented by the Department or another authorized enforcement or regulatory agency in this Commonwealth which exceeds applicable emission limits or otherwise did not conform to the act, regulations promulgated thereunder, plan approvals, permits or orders of the Department. The identification of a deviation on a compliance review form does not constitute a waiver of a defense to liability under the law for the activity disclosed. The term includes, but is not limited to, the following:

(i) Unauthorized, accidental or emergency releases of air pollutants.

(ii) Malfunctions of equipment, the maintenance of which is necessary to meet plan approval requirements or emission limitations.

(iii) Instances of exceeding permit terms or conditions or regulatory requirements found during routine plant maintenance, whether or not the Department is aware of the situation.

(iv) Instances of exceeding permit terms or conditions or regulatory requirements recorded by continuous monitoring equipment.

(v) Other departures from the requirements of the act, regulations adopted under the act, terms or conditions of operating permits or plan approvals and Department orders by the applicant or a related party

 # 018 [25 Pa. Code §127.449]

De minimis emission increases.

(a) The Department may allow, as a condition of an operating permit, de minimis emission increases from a new or existing source up to the amounts authorized in this section.

(b) A de minimis increase may not occur at a facility if it would do one or more of the following:

(1) Increase the emissions of a pollutant regulated under section 112 of the Clean Air Act (42 U.S.C.A. § 7412) except as authorized in subsection (d)(4) and (5).

(2) Subject the facility to the permit requirements of Subchapters D and E (relating to prevention of significant deterioration of air quality; and new source review).

(3) Violate an applicable requirement of the act, the Clean Air Act or the regulations promulgated under the act or the Clean Air Act.

(c) The permittee shall provide the Department with 7 days prior written notice of any de minimis emission increase. The notice shall identify and describe the pollutants that will be emitted as a result of the de minimis emissions increase and provide emission rates in tons/year and in terms necessary to establish compliance consistent with any applicable requirement. The Department may disapprove or condition the de minimis emission increase at any time.

(d) Except as provided in subsection (e), the maximum de minimis emission rate increases, as measured in tons/year, that may be authorized in the permit during the term of the permit are one or more of the following:

SECTION C. Site Level Requirements

(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 the NOx from a single source during the term of the permit and 5 tons of NOx 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 the 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 this title.

(5) One ton of VOCs from a single source during the term of the permit and 5 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 this title.

(e) The Department may allow, as a condition of an operating permit, installation of the following minor sources:

(1) Air conditioning or ventilation systems not designed to remove pollutants generated by 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 of 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 § 123.22 (relating to combustion units). Combustion units converting to fuel oils which are No. 3 or heavier, viscosity greater than 5.82 c St, or contain sulfur in excess of the requirements of § 123.22 require an operating permit. For the purpose of this section, 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 analyses.

(f) Unless precluded by the Clean Air Act or the regulations thereunder, the permit shield described in § 127.516 (relating to permit shield) shall extend to changes made under this section.

(g) Emissions authorized under this section shall be included in the monitoring, recordkeeping and reporting requirements of the source.

(h) De minimis emission threshold levels cannot be met by offsetting emission increases or the emission decreases at the same source.

(i) The Department will maintain a list of de minimis increases authorized by this section in the permit file for the facility and shall publish a list of the de minimis increases in the Pennsylvania Bulletin within 60 days of the receipt of notice for the source.

VIII. COMPLIANCE CERTIFICATION.

The permittee shall submit within thirty days of 10/01/2013 a certificate of compliance with all permit terms and conditions set forth in this Title V permit as required under condition #026 of section B of this permit, and annually thereafter.

IX. COMPLIANCE SCHEDULE.

No compliance milestones exist.

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

SECTION D. Source Level Requirements

Source ID: 032 Source Name: BOILER 2, NORTH AMERICAN

Source Capacity/Throughput: 4.200 MMBTU/HR
4.100 MCF/HR Natural Gas

Conditions for this source occur in the following groups: 1 - BOILERS
2 - NATURAL GAS COMBUSTION
5 - RACT II RECORDS

I. RESTRICTIONS.

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

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

SECTION D. Source Level Requirements

Source ID: 033 Source Name: MISC COMBUSTION UNITS

Source Capacity/Throughput: 3.075 MMBTU/HR
3.015 MCF/HR Natural Gas

Conditions for this source occur in the following groups: 2 - NATURAL GAS COMBUSTION
5 - RACT II RECORDS

I. RESTRICTIONS.

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

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

SECTION D. Source Level Requirements

Source ID: 034 Source Name: BOILER 3, BURNHAM

Source Capacity/Throughput: 4.184 MMBTU/HR
4.184 MCF/HR Natural Gas

Conditions for this source occur in the following groups: 1 - BOILERS
2 - NATURAL GAS COMBUSTION
5 - RACT II RECORDS

I. RESTRICTIONS.

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

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

SECTION D. Source Level Requirements

Source ID: 101 Source Name: FLAT SHEET MOLDING

Source Capacity/Throughput: 0.770 Tons/HR RESIN MIX, GLASS SHEETS

Conditions for this source occur in the following groups: 3 - 40 CFR 63 SUBPART WWWW
4 - RACT II TESTING
5 - RACT II RECORDS

PROC 101 → STAC S01

I. RESTRICTIONS.

Emission Restriction(s).

 # 001 [25 Pa. Code §129.99]

Alternative RACT proposal and petition for alternative compliance schedule.

(a) VOC emissions from Source 101 shall not exceed 58.995 tpy based on an emission factor of 7.68 lbs VOC per ton product.

(b) VOC emissions from Source 101 shall not exceed 9.22 lbs VOC per ton product.

[From review of alternative RACT II proposal completed July 13, 2018.]

II. TESTING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

 # 002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The facility shall keep records of VOC and Styrene emissions from operation of the following press in accordance with the RFD approved on 09/04/2012.

- 600T Verson press

[From RFD application ID 3124 received on 08/08/2012 and approved on 09/04/2012.]

V. REPORTING REQUIREMENTS.

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

SECTION D. Source Level Requirements

VII. ADDITIONAL REQUIREMENTS.

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

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

SECTION D. Source Level Requirements

Source ID: 102 Source Name: BMC AND SMC COMPRESSION MOLDING

Source Capacity/Throughput: 0.171 Tons/HR BULK / SHEET MOLDING COMPC

Conditions for this source occur in the following groups: 3 - 40 CFR 63 SUBPART WWWW
4 - RACT II TESTING
5 - RACT II RECORDS

PROC 102 → STAC S02

I. RESTRICTIONS.

Emission Restriction(s).

 # 001 [25 Pa. Code §129.99]

Alternative RACT proposal and petition for alternative compliance schedule.

(a) VOC emissions from Source 102 shall not exceed 17.16 tpy based on an emission factor of 7.69 lbs VOC per ton product.

(b) VOC emissions from Source 102 shall not exceed 9.23 lbs VOC per ton product.

[From review of alternative RACT II proposal completed July 13, 2018.]

II. TESTING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

 # 002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The facility shall keep records of VOC and Styrene emissions from operation of the following presses in accordance with the RFD approved on 09/04/2012.

- 120 ton Erie Foundry press #1
- 120 ton Erie Foundry press #2

[From RFD application ID 3125 received on 08/08/2012 and approved on 09/04/2012.]

V. REPORTING REQUIREMENTS.

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

SECTION D. Source Level Requirements

VII. ADDITIONAL REQUIREMENTS.

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

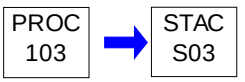
***** Permit Shield in Effect. *****

SECTION D. Source Level Requirements

Source ID: 103 Source Name: SMC MACHINE

Source Capacity/Throughput: 115.000 Lbs/HR THERMOSET RESIN MIX, FIBERC

Conditions for this source occur in the following groups: 3 - 40 CFR 63 SUBPART WWWW
5 - RACT II RECORDS



I. RESTRICTIONS.

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

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

SECTION D. Source Level Requirements

Source ID: 105 Source Name: PULTRUSION MOLDING

Source Capacity/Throughput: 104.000 Lbs/HR REINFORCED GLASS FIBERS AI

Conditions for this source occur in the following groups: 3 - 40 CFR 63 SUBPART WWWW
4 - RACT II TESTING
5 - RACT II RECORDS

PROC 105 → STAC S05

I. RESTRICTIONS.

Emission Restriction(s).

 # 001 [25 Pa. Code §129.99]

Alternative RACT proposal and petition for alternative compliance schedule.

(a) VOC emissions from Source 105 shall not exceed 108.51 tpy based on an emission factor of 17.92 lbs VOC per ton product for Pullers 3, & 4 and based on an emission factor of 7.17 lbs VOC per ton product for Pullers 5 & 6.

(b) VOC emissions from Source 105 shall not exceed 21.50 lbs VOC per ton product for Pullers 3, & 4.

(c) VOC emissions from Source 105 shall not exceed 8.60 lbs VOC per ton product for Pullers 5 & 6.

[From review of alternative RACT II proposal completed July 13, 2018.]
[Puller #7 is not subject to RACT II since it was constructed after the 25 Pa. Code §129.96 applicability date.]

II. TESTING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

 # 002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The facility shall keep records of VOC and Styrene emissions from operation of the following machines in accordance with the RFD approved on 12/18/2015.

- Puller # 5;
- Puller # 6.

[From 12/18/2015 approval of RFD application ID 3117 received on 08/07/2012.]

V. REPORTING REQUIREMENTS.

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

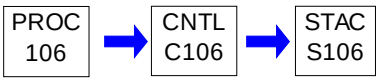
***** Permit Shield in Effect. *****

SECTION D. Source Level Requirements

Source ID: 106 Source Name: MIX ROOM

Source Capacity/Throughput: 1.000 Lbs/HR THERMOSET RESIN,STYRENE,F

Conditions for this source occur in the following groups: 3 - 40 CFR 63 SUBPART WWWW
4 - RACT II TESTING
5 - RACT II RECORDS



I. RESTRICTIONS.

Emission Restriction(s).

 # 001 [25 Pa. Code §123.13]

Processes

No person may permit the emission into the outdoor atmosphere of particulate matter from any process in a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grain per dry standard cubic foot, when the effluent gas volume is less than 150,000 dry standard cubic feet per minute.

 # 002 [25 Pa. Code §129.99]

Alternative RACT proposal and petition for alternative compliance schedule.

(a) VOC emissions from Source 106 shall not exceed 17.19 tpy based on an emission factor of 10.26 lbs VOC per ton product.

(b) VOC emissions from Source 102 shall not exceed 12.31 lbs VOC per ton product.

[From review of alternative RACT II proposal completed July 13, 2018.]

Throughput Restriction(s).

 # 003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The facility shall not increase throughput levels in the two 700 gallon bulk mixing vessels of Source 106 above the 2007 potential production level of 26,280 tons per year of supply resin without prior approval from the Department.

[This condition is derived from the October 8, 2013, RFD approval which supersedes the December 14, 2007, RFD approval for the two 700 gallon bulk mixing vessels.]

II. TESTING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

 # 004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall maintain a record of all Maintenance inspections of the control device. These records shall, at a minimum, contain

SECTION D. Source Level Requirements

- the dates of the inspections,
- any problems or defects,
- the actions taken to correct the problem or defects, and
- any routine maintenance performed.

 # 005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The facility shall maintain adequate records to demonstrate to the Department that the approved thresholds of mix throughput have not been exceeded.

[This condition is derived from the October 8, 2013, RFD approval which supersedes the December 14, 2007, RFD approval for the two 700 gallon bulk mixing vessels.]

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

 # 006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall perform a monthly Preventative Maintenance inspection of the control device.

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

(c) The permittee shall maintain and operate the source and control device in accordance with the manufacturer's specifications.

 # 007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall maintain a manometer or similar device to measure the pressure drop across the control device.

(b) The permittee shall maintain a stock of 25 percent filters for C106 (Mix Room Dust Collector). [This dust collector uses 6 cartridges with 42 bags per cartridge; a minimum of 2 spare cartridges is required.]

VII. ADDITIONAL REQUIREMENTS.

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

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

SECTION D. Source Level Requirements

Source ID: 109 Source Name: 30 HP NATURAL GAS FUELED EMERGENCY GENERATOR

Source Capacity/Throughput: 988.000 CF/HR Natural Gas

Conditions for this source occur in the following groups: 5 - RACT II RECORDS
6 - 40 CFR 63 SUBPART ZZZZ

I. RESTRICTIONS.

Emission Restriction(s).

 # 001 [25 Pa. Code §123.13]

Processes

No person may permit the emission into the outdoor atmosphere of particulate matter from any process in a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grain per dry standard cubic foot, when the effluent gas volume is less than 150,000 dry standard cubic feet per minute.

 # 002 [25 Pa. Code §123.21]

General

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

II. TESTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

 # 003 [25 Pa. Code §129.97]

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

The owner and operator shall install, maintain and operate the source in accordance with the manufacturer's specifications and with good operating practices.

SECTION D. Source Level Requirements

[From 25 Pa. Code §129.97(c) as 129.97(c)(5) applies to this source.]

VII. ADDITIONAL REQUIREMENTS.

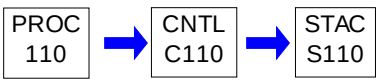
No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

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

SECTION D. Source Level Requirements

Source ID: 110 Source Name: PULTRUSION SAWS

Source Capacity/Throughput: 1.000 Lbs/HR FIBERGLASS REINFORCED THE



I. RESTRICTIONS.

Emission Restriction(s).

 # 001 [25 Pa. Code §123.13]

Processes

No person may permit the emission into the outdoor atmosphere of particulate matter from any process in a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grain per dry standard cubic foot, when the effluent gas volume is less than 150,000 dry standard cubic feet per minute.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

 # 002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Records of the Daily Operational Inspection of the dust collector, including pressure drop readings, shall be maintained for not less than 5 years.

[This condition is derived from the September 9, 2016, approval of RFD # 5897 for the Donaldson Torit DFE 4-16.]

 # 003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall maintain a record of all Maintenance inspections of the control device. These records shall, at a minimum, contain

- the dates of the inspections,
- any problems or defects,
- the actions taken to correct the problem or defects, and
- any routine maintenance performed.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

 # 004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

An Operational Inspection of the dust collector, including recording of the pressure drop reading, shall be conducted Daily.

SECTION D. Source Level Requirements

[This condition is derived from the September 9, 2016, approval of RFD # 5897 for the Donaldson Torit DFE 4-16.]

 # 005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall perform a monthly Preventative Maintenance inspection of the control device.

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

(c) The permittee shall maintain and operate the source and control device in accordance with the manufacturer's specifications.

VII. ADDITIONAL REQUIREMENTS.

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

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

SECTION E. Source Group Restrictions.

Group Name: 1 - BOILERS

Group Description: PM restriction for boilers

Sources included in this group

ID	Name
032	BOILER 2, NORTH AMERICAN
034	BOILER 3, BURNHAM

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 of the rate of 0.4 pound per million Btu of heat input.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

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

SECTION E. Source Group Restrictions.

Group Name: 2 - NATURAL GAS COMBUSTION

Group Description: Permit Requirements for Natural Gas Combustion

Sources included in this group

ID	Name
032	BOILER 2, NORTH AMERICAN
033	MISC COMBUSTION UNITS
034	BOILER 3, BURNHAM

I. RESTRICTIONS.

Emission Restriction(s).

 # 001 [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 a 1-hour period.

Fuel Restriction(s).

 # 002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The Permittee shall use only natural gas as the fuel for this source to comply with the emission limitation(s) for this source.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

 # 003 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

The Permittee shall maintain adequate records to demonstrate that natural gas was the only fuel used by this source.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

 # 004 [25 Pa. Code §129.97]

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

The owner and operator shall install, maintain and operate the source in accordance with the manufacturer's specifications and with good operating practices.

[From 25 Pa. Code §129.97(c) as 129.97(c)(3) applies to these sources.]

VII. ADDITIONAL REQUIREMENTS.

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

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

SECTION E. Source Group Restrictions.

Group Name: 3 - 40 CFR 63 SUBPART WWWW

Group Description: 40 CFR Part 63 Subpart WWWW -- NESHAP for Reinforced Plastic Composites Production

Sources included in this group

ID	Name
101	FLAT SHEET MOLDING
102	BMC AND SMC COMPRESSION MOLDING
103	SMC MACHINE
105	PULTRUSION MOLDING
106	MIX ROOM

I. RESTRICTIONS.

Emission Restriction(s).

 # 001 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63 Subpart WWWW Table 3]

Subpart WWWW-National Emissions Standards for Hazardous Air Pollutants: Reinforced Plastic Composites Production

Organic HAP Emissions Limits for Existing Open Molding Sources, New Open Molding Sources Emitting Less Than 100 T

As specified in § 63.5805, you must meet the following organic HAP emissions limits that apply to you:

[Categories 6.c and 9 for gel-coating and pultrusion are the only applicable categories for operations at Haysite and are printed below; all other non-applicable text and non-applicable categories from Table 3 are omitted from this condition.]

Category 6.c:

If your operation type is open molding -- gel coat and you use all other pigmented gel coating, your organic HAP emissions limit is: 377 lb/ton. (See Notes 1 & 3 below.)

Note 1: Organic HAP emissions limits for open molding and centrifugal casting are expressed as lb/ton. You must be at or below these values based on a 12-month rolling average. [The manual gel-coat application at Haysite is considered 'open molding' under the Definitions of this subpart.]

Note 3: If you only apply gel coat with manual application, for compliance purposes treat the gel coat as if it were applied using atomized spray guns to determine both emission limits and emission factors. If you use multiple application methods and any portion of a specific gel coat is applied using nonatomized spray, you may use the nonatomized spray gel coat equation to calculate an emission factor for the manually applied portion of that gel coat. Otherwise, use the atomized spray gel coat application equation to calculate emission factors.

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Category 9:

If your operation type is pultrusion, your organic HAP emissions limit is: reduce total organic HAP emissions by at least 60 weight percent.

[70 FR 50131, Aug. 25, 2005]

 # 002 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.5805]

Subpart WWWW-National Emissions Standards for Hazardous Air Pollutants: Reinforced Plastic Composites Production

What standards must I meet to comply with this subpart?

You must meet the requirements of paragraphs (a) through (h) of this section that apply to you. You may elect to comply using any options to meet the standards described in §§ 63.5810 through 63.5830. Use the procedures in § 63.5799 to determine if you meet or exceed the 100 tpy threshold.

[Subsection 63.5820 does not apply to operations at Haysite; §63.5810 is incorporated into the permit by reference to the regulation. §63.5830 is applicable and is included in this section of Title V permit under WORK PRACTICE

SECTION E. Source Group Restrictions.

REQUIREMENTS; the 100 tpy threshold of paragraphs 63.5805(a) and (e) is not applicable to operations at Haysite.]

(a) [Paragraph 63.5805(a) is not applicable to operations at Haysite.]

(b) All operations at existing facilities not listed in paragraph (a) of this section must meet the organic HAP emissions limits in Table 3 to this subpart and the work practice standards in Table 4 to this subpart that apply, regardless of the quantity of HAP emitted.

[Table 3 to this subpart is printed under EMISSION RESTRICTIONS in this section of permit.]
[Table 4 to this subpart is printed under WORK PRACTICE REQUIREMENTS in this section of permit.]

(c) - (f) [Paragraphs 63.5805(c) through (f) are not applicable to operations at Haysite.]

(g) If you have repair operations subject to this subpart as defined in § 63.5785, these repair operations must meet the requirements in Tables 3 and 4 to this subpart and are not required to meet the 95 percent organic HAP emissions reduction requirements in paragraph (a)(1) or (d) of this section.

[63.5785(b) definition of Repair: Repair includes the non-routine manufacture of individual components or parts intended to repair a larger item as defined in § 63.5935.]

[63.5935 definition of Repair: Repair means application of resin or gel coat to a part to correct a defect, where the resin or gel coat application occurs after the part has gone through all the steps of its typical production process, or the application occurs outside the normal production area. For purposes of this subpart, rerouting a part back through the normal production line, or part of the normal production line, is not considered repair.]

(h) [Paragraph 63.5805(h) is not applicable to operations at Haysite.]

[70 FR 50124, Aug. 25, 2005]

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

 # 003 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63 Subpart WWWW Table 8]

Subpart WWWW-National Emissions Standards for Hazardous Air Pollutants: Reinforced Plastic Composites Production

Initial Compliance With Organic HAP Emissions Limits

[Applicable text from Table 8 of Subpart WWWW is printed here; non-applicable text and non-applicable categories are omitted.]

[Category 1 is applicable to Haysite's manual gel coating application which is considered Open Molding under the 63.5935 definition; and Category 5.a.ii is applicable to Haysite's pultrusion operations. No other categories of Table 8 apply to Haysite's current operations at the time of this permit issuance.]

As specified in § 63.5860(a), you must demonstrate initial compliance with organic HAP emissions limits as specified in the following table:

1. For open molding, that must meet an organic HAP emissions limit shown in Tables 3 or 5 to this subpart, you have demonstrated initial compliance if . . .

SECTION E. Source Group Restrictions.

i. you have met the appropriate organic HAP emissions limits for these operations as calculated using the procedures in § 63.5810 on a 12-month rolling average 1 year after the appropriate compliance date, and/or

ii. you demonstrate that any individual resins or gel coats not included in (i) above, as applied, meet their applicable emission limits, or

iii. [This paragraph iii from category 1 of Table 8 is not applicable to Haysite because there are no values in Table 7 applicable to Haysite.]

2 - 4. [Not applicable to Haysite.]

5. For pultrusion operations, that must reduce total organic HAP emissions by at least 60 percent by weight, you have demonstrated initial compliance if as part of the notification of initial compliance status, the owner/operator submits a certified statement that all pultrusion lines not controlled with an add-on control device, but for which an emission reduction is being claimed, are using direct die injection, and/or wet-area enclosures that meet the criteria of § 63.5830.

[70 FR 50134, Aug. 25, 2005]

 # 004 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.5895]

Subpart WWWW-National Emissions Standards for Hazardous Air Pollutants: Reinforced Plastic Composites Production

How do I monitor and collect data to demonstrate continuous compliance?

(a) - (b) [Paragraphs 63.5895(a) and (b) are not applicable to Haysite.]

(c) You must collect and keep records of resin and gel coat use, organic HAP content, and operation where the resin is used if you are meeting any organic HAP emissions limits based on an organic HAP emissions limit in Table 3 to this subpart. Resin use records may be based on purchase records if you can reasonably estimate how the resin is applied. The organic HAP content records may be based on MSDS or on resin specifications supplied by the resin supplier. [Language in 63.5895(c) containing references to Table 5 and Table 7 have been omitted from this paragraph since neither Table 5 nor Table 7 are applicable to Haysite.]

(d) Resin and gel coat use records are not required for the individual resins and gel coats that are demonstrated, as applied, to meet their applicable emission as defined in § 63.5810(a). However, you must retain the records of resin and gel coat organic HAP content, and you must include the list of these resins and gel coats and identify their application methods in your semiannual compliance reports. If after you have initially demonstrated that a specific combination of an individual resin or gel coat, application method, and controls meets its applicable emission limit, and the resin or gel coat changes or the organic HAP content increases, or you change the application method or controls, then you again must demonstrate that the individual resin or gel coat meets its emission limit as specified in paragraph (a) of § 63.5810. If any of the previously mentioned changes results in a situation where an individual resin or gel coat now exceeds its applicable emission limit in Table 3 of this subpart, you must begin collecting resin and gel coat use records and calculate compliance using one of the averaging options on a 12-month rolling average. [References in 63.5895(d) to Table 5 have been omitted from this paragraph since Table 5 is not applicable to Haysite.]

(e) For each of your pultrusion machines, you must record all times that wet area enclosures doors or covers are open and there is resin present in the resin bath.

[68 FR 19402, Apr. 21, 2003, as amended at 70 FR 50128, Aug. 25, 2005]

 # 005 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.5900]

Subpart WWWW-National Emissions Standards for Hazardous Air Pollutants: Reinforced Plastic Composites Production

How do I demonstrate continuous compliance with the standards?

(a) You must demonstrate continuous compliance with each standard in § 63.5805 that applies to you according to the methods specified in paragraphs (a)(1) through (3) of this section.

(1) [Paragraph 63.5900(a)(1) is not applicable to Haysite.]

(2) Compliance with organic HAP emissions limits is demonstrated by maintaining an organic HAP emissions factor

SECTION E. Source Group Restrictions.

value less than or equal to the appropriate organic HAP emissions limit listed in Table 3 or 5 to this subpart, on a 12-month rolling average, and/or by including in each compliance report a statement that individual resins and gel coats, as applied, meet the appropriate organic HAP emissions limits, as discussed in § 63.5895(d).

(3) [Paragraph 63.5900(a)(3) is not applicable to Haysite.]

(4) [Paragraph 63.5900(a)(4) is printed under WORK PRACTICE REQUIREMENTS in this section of permit.]

(b) [Paragraph 63.5900(b) is printed under REPORTING REQUIREMENTS in this section of permit.]

(c) [Paragraph 63.5900(c) is printed under WORK PRACTICE REQUIREMENTS in this section of permit.]

(d) [Paragraph 63.5900(d) is not applicable to Haysite.]

(e) [Paragraph 63.5900(c) is printed under WORK PRACTICE REQUIREMENTS in this section of permit.]

[68 FR 19402, Apr. 21, 2003, as amended at 70 FR 50128, Aug. 25, 2005; 71 FR 20466, Apr. 20, 2006]

 # 006 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.5915]

Subpart WWWW-National Emissions Standards for Hazardous Air Pollutants: Reinforced Plastic Composites Production

What records must I keep?

(a) You must keep the records listed in paragraphs (a)(1) through (3) of this section.

(1) A copy of each notification and report that you submitted to comply with this subpart, including all documentation supporting any Initial Notification or Notification of Compliance Status that you submitted, according to the requirements in § 63.10(b)(2)(xiv).

(2) - (3) [Paragraphs 63.5915(a)(2)-(3) are not applicable to Haysite.]

(b) [Paragraph 63.5915(b) is not applicable to Haysite.]

(c) You must keep all data, assumptions, and calculations used to determine organic HAP emissions factors or average organic HAP contents for operations listed in tables 3, 5, and 7 to this subpart. [There are no categories in Tables 5 & 7 applicable to Haysite.]

(d) You must keep a certified statement that you are in compliance with the work practice requirements in Table 4 to this subpart, as applicable. [Table 4 is printed under WORK PRACTICE REQUIREMENTS in this section of the permit.]

(e) [Paragraph 63.5915(e) is not applicable to Haysite.]

[68 FR 19402, Apr. 21, 2003, as amended at 70 FR 50129, Aug. 25, 2005]

 # 007 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.5920]

Subpart WWWW-National Emissions Standards for Hazardous Air Pollutants: Reinforced Plastic Composites Production

In what form and how long must I keep my records?

(a) You must maintain all applicable records in such a manner that they can be readily accessed and are suitable for inspection according to § 63.10(b)(1).

(b) As specified in § 63.10(b)(1), you must keep each record for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record.

(c) You must keep each record onsite for at least 2 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, according to § 63.10(b)(1). You can keep the records offsite for the remaining 3 years.

(d) You may keep records in hard copy or computer readable form including, but not limited to, paper, microfilm, computer floppy disk, magnetic tape, or microfiche.

SECTION E. Source Group Restrictions.

[Source: 68 FR 19402, Apr. 21, 2003]

V. REPORTING REQUIREMENTS.

 # 008 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63 Subpart WWWW Table 14]

Subpart WWWW-National Emissions Standards for Hazardous Air Pollutants: Reinforced Plastic Composites Production

Requirements for Reports

As required in § 63.5910(a), (b), (g), and (h), you must submit reports on the schedule shown in the following table:

(1) You must submit a compliance report semi-annually according to the requirements in § 63.5910(b).

(a) The report must contain a statement that there were no deviations during that reporting period if there were no deviations from any emission limitations (emission limit, operating limit, opacity limit, and visible emission limit) that apply to you and there were no deviations from the requirements for work practice standards in Table 4 to this subpart that apply to you. [Text referring to CMS is not applicable to Haysite and is omitted from this paragraph.]

(b) The report must also contain the information in § 63.5910(d) if you have a deviation from any emission limitation (emission limit, operating limit, or work practice standard) during the reporting period. [Text referring to CMS is not applicable to Haysite and is omitted from this paragraph.]

(c) [Item 1.c of Table 14 to Subpart WWWW is not applicable to Haysite.]

(2) You must submit an immediate startup, shutdown, and malfunction report if you had a startup, shutdown, or malfunction during the reporting period that is not consistent with your startup, shutdown, and malfunction plan.

(a) You must submit the report by fax or telephone within 2 working days after starting actions inconsistent with the plan and the report must contain actions taken for the event.

(b) You must also submit a report by letter within 7 working days after the end of the event unless you have made alternative arrangements with the permitting authority. [§ 63.10(d)(5)(ii)] The report must contain the information in § 63.10(d)(5)(ii).

[The address and phone numbers for reporting and § 63.10(d)(5)(ii) are printed in separate conditions in this section of the Title V permit.]

[Source: 68 FR 19402, Apr. 21, 2003]

 # 009 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.10]

Subpart A--General Provisions

Recordkeeping and reporting requirements.

[From § 63.10(d)(5)(ii). This paragraph is referenced by Table 14 to 40 CFR Part 63 Subpart WWWW.]

(ii) Immediate startup, shutdown, and malfunction reports. Notwithstanding the allowance to reduce the frequency of reporting for periodic startup, shutdown, and malfunction reports under paragraph (d)(5)(i) of this section, any time an action taken by an owner or operator during a startup or shutdown that caused the source to exceed any applicable emission limitation in the relevant emission standards, or malfunction (including actions taken to correct a malfunction) is not consistent with the procedures specified in the affected source's startup, shutdown, and malfunction plan, the owner or operator shall report the actions taken for that event within 2 working days after commencing actions inconsistent with the plan followed by a letter within 7 working days after the end of the event. The immediate report required under this paragraph (d)(5)(ii) shall consist of a telephone call (or facsimile (FAX) transmission) to the Administrator within 2 working days after commencing actions inconsistent with the plan, and it shall be followed by a letter, delivered or postmarked within 7 working days after the end of the event, that contains the name, title, and signature of the owner or operator or other responsible official who is certifying its accuracy, explaining the circumstances of the event, the reasons for not following the startup, shutdown, and malfunction plan, describing all excess emissions and/or parameter monitoring exceedances which are believed to have occurred (or could have occurred in the case of malfunctions), and actions taken to minimize

SECTION E. Source Group Restrictions.

emissions in conformance with §63.6(e)(1)(i). Notwithstanding the requirements of the previous sentence, after the effective date of an approved permit program in the State in which an affected source is located, the owner or operator may make alternative reporting arrangements, in advance, with the permitting authority in that State. Procedures governing the arrangement of alternative reporting requirements under this paragraph (d)(5)(ii) are specified in §63.9(i).

[Source: 59 FR 12430, Mar. 16, 1994, as amended at 64 FR 7468, Feb. 12, 1999; 67 FR 16604, Apr. 5, 2002; 68 FR 32601, May 30, 2003; 69 FR 21752, Apr. 22, 2004; 71 FR 20455, Apr. 20, 2006]

 # 010 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.13]

Subpart A--General Provisions

Addresses of State air pollution control agencies and EPA Regional Offices.

(a) All requests, reports, applications, submittals, and other communications to the Administrator pursuant to this part shall be submitted to the appropriate Regional Office of the U.S. Environmental Protection Agency indicated in the following list of EPA Regional Offices. [Non-Pennsylvania Regions omitted from this permit section.]

Section Chief
U.S. Environmental Protection Agency Region III
Enforcement and Compliance Assurance Division
Air Section (3ED21)
1650 Arch Street
Philadelphia, PA 19103-2029

(b) All information required to be submitted to the Administrator under this part also shall be submitted to the appropriate State agency of any State to which authority has been delegated under section 112(l) of the Act. [Non-applicable text is omitted from this paragraph.]

[Address of State agency for submittals follows.]

Bureau of Air Quality
Department of Environmental Protection
230 Chestnut Street
Meadville, PA 16335
Office Hours 8 a.m. - 4 p.m.
Phone: 814-332-6940 (business hours)
1-800-541-2050 (after hours)
814-332-6121 (fax)

Spills and other emergencies in the Northwest Region should be reported immediately to DEP by telephone to 814-332-6945 (business hours) or 800-541-2050 (after hours).

(c) If any State requires a submittal that contains all the information required in an application, notification, request, report, statement, or other communication required in this part, an owner or operator may send the appropriate Regional Office of the EPA a copy of that submittal to satisfy the requirements of this part for that communication.

[59 FR 12430, Mar. 16, 1994, as amended at 63 FR 66061, Dec. 1, 1998; 67 FR 4184, Jan. 29, 2002; 68 FR 32601, May 30, 2003; 68 FR 35792, June 17, 2003; 73 FR 24871, May 6, 2008; 75 FR 69532, Nov. 12, 2010; 76 FR 49673, Aug. 11, 2011]

 # 011 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.5860]

Subpart WWWW-National Emissions Standards for Hazardous Air Pollutants: Reinforced Plastic Composites Production

How do I demonstrate initial compliance with the standards?

(a) You demonstrate initial compliance with each organic HAP emissions standard in paragraphs (a) through (h) of § 63.5805 that applies to you by using the procedures shown in Tables 8 and 9 to this subpart. [63.5805(a)-(h) is printed under RESTRICTIONS in this section of the permit. Table 8 is printed under RECORDKEEPING REQUIREMENTS in this section of permit. Table 9 is applicable, but not printed in this permit because it details the Initial Work Practices Reporting Requirement which is a one-time requirement that has already been met.]

(b) [Paragraph 63.5860(b) is not applicable to Haysite.]

SECTION E. Source Group Restrictions.

[Source: 68 FR 19402, Apr. 21, 2003]

 # 012 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.5900]

Subpart WWWW-National Emissions Standards for Hazardous Air Pollutants: Reinforced Plastic Composites Production

How do I demonstrate continuous compliance with the standards?

(a) You must demonstrate continuous compliance with each standard in § 63.5805 that applies to you according to the methods specified in paragraphs (a)(1) through (3) of this section.

(1) - (3) [Paragraphs 63.5900(a)(1) - (3) are printed under RECORDKEEPING REQUIREMENTS in this section of permit.]

(4) [Paragraph 63.5900(a)(4) is printed under WORK PRACTICE REQUIREMENTS in this section of permit.]

(b) You must report each deviation from each standard in § 63.5805 that applies to you. The deviations must be reported according to the requirements in § 63.5910.

(c) [Paragraph 63.5900(c) is printed under WORK PRACTICE REQUIREMENTS in this section of permit.]

(d) [Paragraph 63.5900(d) is not applicable to Haysite.]

(e) [Paragraph 63.5900(c) is printed under WORK PRACTICE REQUIREMENTS in this section of permit.]

[68 FR 19402, Apr. 21, 2003, as amended at 70 FR 50128, Aug. 25, 2005; 71 FR 20466, Apr. 20, 2006]

 # 013 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.5905]

Subpart WWWW-National Emissions Standards for Hazardous Air Pollutants: Reinforced Plastic Composites Production

What notifications must I submit and when?

(a) You must submit all of the notifications in Table 13 to this subpart that apply to you by the dates specified in Table 13 to this subpart. The notifications are described more fully in 40 CFR part 63, subpart A, referenced in Table 13 to this subpart. [Table 13 is printed under ADDITIONAL REQUIREMENTS in this section of the permit. Categories 1 and 5 of Table 13 applied to Haysite and are one-time requirements which have been met.]

(b) If you change any information submitted in any notification, you must submit the changes in writing to the Administrator within 15 calendar days after the change.

[Source: 68 FR 19402, Apr. 21, 2003]

 # 014 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.5910]

Subpart WWWW-National Emissions Standards for Hazardous Air Pollutants: Reinforced Plastic Composites Production

What reports must I submit and when?

(a) You must submit each report in Table 14 to this subpart that applies to you. [Table 14 is printed in a separate REPORTING REQUIREMENTS condition in this section of the permit.]

(b) Unless the Administrator has approved a different schedule for submission of reports under § 63.10(a), you must submit each report by the date specified in Table 14 to this subpart and according to paragraphs (b)(1) through (5) of this section.

(1) - (2) [Paragraphs 63.5910(b)(1)-(2) are no longer applicable.]

(3) Each subsequent compliance report must cover the semiannual reporting period from January 1 through June 30 or the semiannual reporting period from July 1 through December 31.

[Refer to Section C of this permit for approved alternate reporting periods of October 1 through March 31 and April 1

SECTION E. Source Group Restrictions.

through September 30.]

(4) Each subsequent compliance report must be postmarked or delivered no later than the last day of the month following the end of the semiannual reporting period.

(5) For each affected source that is subject to permitting requirements pursuant to 40 CFR part 70 or 71, and if the permitting authority has established dates for submitting semiannual reports pursuant to § 70.6 (a)(3)(iii)(A) or § 71.6(a)(3)(iii)(A), you may submit the first and subsequent compliance reports according to the dates the permitting authority has established instead of according to the dates in paragraphs (b)(1) through (4) of this section.

(c) The compliance report must contain the information in paragraphs (c)(1) through (6) of this section:

(1) Company name and address.

(2) Statement by a responsible official with that official's name, title, and signature, certifying the truth, accuracy, and completeness of the content of the report.

(3) Date of the report and beginning and ending dates of the reporting period.

(4) If you had a startup, shutdown, or malfunction during the reporting period and you took actions consistent with your startup, shutdown, and malfunction plan, the compliance report must include the information in § 63.10(d)(5)(i).

(5) If there are no deviations from any organic HAP emissions limitations (emissions limit and operating limit) that apply to you, and there are no deviations from the requirements for work practice standards in Table 4 to this subpart, a statement that there were no deviations from the organic HAP emissions limitations or work practice standards during the reporting period.

(6) [Not applicable.]

(d) For each deviation from an organic HAP emissions limitation (i.e., emissions limit and operating limit) and for each deviation from the requirements for work practice standards that occurs at an affected source where you are not using a CMS to comply with the organic HAP emissions limitations or work practice standards in this subpart, the compliance report must contain the information in paragraphs (c)(1) through (4) of this section and in paragraphs (d)(1) and (2) of this section. This includes periods of startup, shutdown, and malfunction.

(1) The total operating time of each affected source during the reporting period.

(2) Information on the number, duration, and cause of deviations (including unknown cause, if applicable), as applicable, and the corrective action taken.

(e) - (f) [Paragraphs 63.5910(e) and (f) are not applicable to Haysite.]

(g) Each affected source that has obtained a title V operating permit pursuant to 40 CFR part 70 or 71 must report all deviations as defined in this subpart in the semiannual monitoring report required by § 70.6(a)(3)(iii)(A) or § 71.6(a)(3)(iii)(A). If an affected source submits a compliance report pursuant to Table 14 to this subpart along with, or as part of, the semiannual monitoring report required by § 70.6(a)(3)(iii)(A) or § 71.6(a)(3)(iii)(A), and the compliance report includes all required information concerning deviations from any organic HAP emissions limitation (including any operating limit) or work practice requirement in this subpart, submission of the compliance report shall be deemed to satisfy any obligation to report the same deviations in the semiannual monitoring report. However, submission of a compliance report shall not otherwise affect any obligation the affected source may have to report deviations from permit requirements to the permitting authority.

(h) [Not applicable.]

(i) Where multiple compliance options are available, you must state in your next compliance report if you have changed compliance options since your last compliance report.

SECTION E. Source Group Restrictions.

[Source: 68 FR 19402, Apr. 21, 2003, as amended at 70 FR 50128, Aug. 25, 2005]

VI. WORK PRACTICE REQUIREMENTS.

 # 015 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63 Subpart WWWW Table 4]

Subpart WWWW-National Emissions Standards for Hazardous Air Pollutants: Reinforced Plastic Composites Production

Work Practice Standards

As specified in § 63.5805, you must meet the work practice standards in the following table that apply to you:

1. For a new or existing closed molding operation using compression/injection molding, you must uncover, unwrap or expose only one charge per mold cycle per compression/injection molding machine. For machines with multiple molds, one charge means sufficient material to fill all molds for one cycle. For machines with robotic loaders, no more than one charge may be exposed prior to the loader. For machines fed by hoppers, sufficient material may be uncovered to fill the hopper. Hoppers must be closed when not adding materials. Materials may be uncovered to feed to slitting machines. Materials must be recovered after slitting.

2. For a new or existing cleaning operation, you must not use cleaning solvents that contain HAP, except that styrene may be used as a cleaner in closed systems, and organic HAP containing cleaners may be used to clean cured resin from application equipment. Application equipment includes any equipment that directly contacts resin.

3. For a new or existing materials HAP-containing materials storage operation, you must keep containers that store HAP-containing materials closed or covered except during the addition or removal of materials. Bulk HAP-containing materials storage tanks may be vented as necessary for safety.

4. For an existing or new SMC manufacturing operation, you must close or cover the resin delivery system to the doctor box on each SMC manufacturing machine. The doctor box itself may be open.

5. For an existing or new SMC manufacturing operation, you must use a nylon containing film to enclose SMC.

6. For all mixing or BMC manufacturing operations (see Note 1 below), you must use mixer covers with no visible gaps present in the mixer covers, except that gaps of up to 1 inch are permissible around mixer shafts and any required instrumentation.

7. For all mixing or BMC manufacturing operations (see Note 1 below), you must close any mixer vents when actual mixing is occurring, except that venting is allowed during addition of materials, or as necessary prior to adding materials or opening the cover for safety. Vents routed to a 95 percent efficient control device are exempt from this requirement.

8. For all mixing or BMC manufacturing operations (see Note 1 below), you must keep the mixer covers closed while actual mixing is occurring except when adding materials or changing covers to the mixing vessels.

9. [Category 9 of Table 4 of the regulation is not applicable to Haysite.]

Note 1: Containers of 5 gallons or less may be open when active mixing is taking place, or during periods when they are in process (i.e., they are actively being used to apply resin). For polymer casting mixing operations, containers with a surface area of 500 square inches or less may be open while active mixing is taking place.

[Source 70 FR 50133, Aug. 25, 2005]

 # 016 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.5830]

Subpart WWWW-National Emissions Standards for Hazardous Air Pollutants: Reinforced Plastic Composites Production

What are my options for meeting the standards for pultrusion operations subject to the 60 weight percent organic HAP emissions reductions requirement?

You must use one or more of the options in paragraphs (a) through (e) of this section to meet the 60 weight percent organic HAP emissions limit in Table 3 to this subpart, as required in § 63.5805.

SECTION E. Source Group Restrictions.

(a) [63.5830(a) is not applicable to Haysite.]

(b) Design, install, and operate wet area enclosures and resin drip collection systems on pultrusion machines that meet the criteria in paragraphs (b)(1) through (10) of this section.

(1) The enclosure must cover and enclose the open resin bath and the forming area in which reinforcements are pre-wet or wet-out and moving toward the die(s). The surfaces of the enclosure must be closed except for openings to allow material to enter and exit the enclosure.

(2) For open bath pultrusion machines with a radio frequency pre-heat unit, the enclosure must extend from the beginning of the resin bath to within 12.5 inches or less of the entrance of the radio frequency pre-heat unit. If the stock that is within 12.5 inches or less of the entrance to the radio frequency pre-heat unit has any drip, it must be enclosed. The stock exiting the radio frequency pre-heat unit is not required to be in an enclosure if the stock has no drip between the exit of the radio frequency pre-heat unit to within 0.5 inches of the entrance of the die.

(3) For open bath pultrusion machines without a radio frequency pre-heat unit, the enclosure must extend from the beginning of the resin bath to within 0.5 inches or less of the die entrance.

(4) For pultrusion lines with pre-wet area(s) prior to direct die injection, no more than 12.5 inches of open wet stock is permitted between the entrance of the first pre-wet area and the entrance to the die. If the pre-wet stock has any drip, it must be enclosed.

(5) The total open area of the enclosure must not exceed two times the cross sectional area of the puller window(s) and must comply with the requirements in paragraphs (b)(5)(i) through (iii) of this section.

(i) All areas that are open need to be included in the total open area calculation with the exception of access panels, doors, and/or hatches that are part of the enclosure.

(ii) The area that is displaced by entering reinforcement or exiting product is considered open.

(iii) Areas that are covered by brush covers are considered closed.

(6) Open areas for level control devices, monitoring devices, agitation shafts, and fill hoses must have no more than 1.0 inch clearance.

(7) The access panels, doors, and/or hatches that are part of the enclosure must close tightly. Damaged access panels, doors, and/or hatches that do not close tightly must be replaced.

(8) The enclosure may not be removed from the pultrusion line, and access panels, doors, and/or hatches that are part of the enclosure must remain closed whenever resin is in the bath, except for the time period discussed in paragraph (b)(9) of this section.

(9) The maximum length of time the enclosure may be removed from the pultrusion line or the access panels, doors, and/or hatches and may be open, is 30 minutes per 8 hour shift, 45 minutes per 12 hour shift, or 90 minutes per day if the machine is operated for 24 hours in a day. The time restrictions do not apply if the open doors or panels do not cause the limit of two times the puller window area to be exceeded. Facilities may average the times that access panels, doors, and/or hatches are open across all operating lines. In that case the average must not exceed the times shown in this paragraph (b)(9). All lines included in the average must have operated the entire time period being averaged.

(10) No fans, blowers, and/or air lines may be allowed within the enclosure. The enclosure must not be ventilated.

(c) Use direct die injection pultrusion machines with resin drip collection systems that meet all the criteria specified in paragraphs (c)(1) through (3) of this section.

(1) All the resin that is applied to the reinforcement is delivered directly to the die.

(2) No exposed resin is present, except at the face of the die.

SECTION E. Source Group Restrictions.

(3) Resin drip is captured in a closed system and recycled back to the process.

(d) Use a preform injection system that meets the definition in § 63.5935

(e) Use any combination of options in paragraphs (a) through (d) of this section in which different pultrusion lines comply with different options described in paragraphs (a) through (d) of this section, and

(1) Each individual pultrusion machine meets the 60 percent reduction requirement, or

(2) The weighted average reduction based on resin throughput of all machines combined is 60 percent. For purposes of the average percent reduction calculation, wet area enclosures reduce organic HAP emissions by 60 percent, and direct die injection and preform injection reduce organic HAP emissions by 90 percent.

[68 FR 19402, Apr. 21, 2003, as amended at 70 FR 50127, Aug. 25, 2005]

 # 017 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.5835]

Subpart WWWW-National Emissions Standards for Hazardous Air Pollutants: Reinforced Plastic Composites Production

What are my general requirements for complying with this subpart?

(a) You must be in compliance at all times with the work practice standards in Table 4 to this subpart, as well as the organic HAP emissions limits in Table 3 to this subpart, as applicable. [Non-applicable text referring to Tables 5 and 7, which do not apply to Haysite, are omitted from this paragraph.] [Applicable categories 6.c and 9 from Table 3 are printed under RESTRICTIONS in this section of permit.]

(b) [63.5835(b) is not applicable to Haysite.]

(c) You must always operate and maintain your affected source, including air pollution control and monitoring equipment, according to the provisions in § 63.6(e)(1)(i). [Paragraph 63.6(e)(1)(i) is printed in this section of permit.]

(d) [63.5835(d) is not applicable to Haysite.]

[68 FR 19402, Apr. 21, 2003, as amended at 71 FR 20466, Apr. 20, 2006]

 # 018 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.5900]

Subpart WWWW-National Emissions Standards for Hazardous Air Pollutants: Reinforced Plastic Composites Production

How do I demonstrate continuous compliance with the standards?

(a) You must demonstrate continuous compliance with each standard in § 63.5805 that applies to you according to the methods specified in paragraphs (a)(1) through (3) of this section.

(1) - (3) [Paragraphs 63.5900(a)(1) - (3) are printed under RECORDKEEPING REQUIREMENTS in this section of permit.]

(4) Compliance with the work practice standards in Table 4 to this subpart is demonstrated by performing the work practice required for your operation.

(b) [Paragraph 63.5900(b) is printed under REPORTING REQUIREMENTS in this section of permit.]

(c) Except as provided in paragraph (d) of this section, during periods of startup, shutdown or malfunction, you must meet the organic HAP emissions limits and work practice standards that apply to you.

(d) [Paragraph 63.5900(d) is not applicable to Haysite.]

(e) Consistent with §§ 63.6(e) and 63.7(e)(1), deviations that occur during a period of malfunction for those affected sources and standards specified in paragraph (d) of this section are not violations if you demonstrate to the Administrator's satisfaction that you were operating in accordance with § 63.6(e)(1). The Administrator will determine whether deviations that occur during a period of startup, shutdown, and malfunction are violations, according to the provisions in § 63.6(e).

SECTION E. Source Group Restrictions.

[68 FR 19402, Apr. 21, 2003, as amended at 70 FR 50128, Aug. 25, 2005; 71 FR 20466, Apr. 20, 2006]

 # 019 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6]

Subpart A--General Provisions

Compliance with standards and maintenance requirements.

[As referenced by 63.5835(c) in this section of permit, §63.6(e)(1)(i) is printed here. §63.6(e)(1)(ii)-(iii) are also printed here as referenced by 63.5900(e).]

(e) Operation and maintenance requirements.

(1)(i) At all times, including periods of startup, shutdown, and malfunction, the owner or operator must operate and maintain any affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. During a period of startup, shutdown, or malfunction, this general duty to minimize emissions requires that the owner or operator reduce emissions from the affected source to the greatest extent which is consistent with safety and good air pollution control practices. The general duty to minimize emissions during a period of startup, shutdown, or malfunction does not require the owner or operator to achieve emission levels that would be required by the applicable standard at other times if this is not consistent with safety and good air pollution control practices, nor does it require the owner or operator to make any further efforts to reduce emissions if levels required by the applicable standard have been achieved. Determination of whether such operation and maintenance procedures are being used will be based on information available to the Administrator which may include, but is not limited to, monitoring results, review of operation and maintenance procedures (including the startup, shutdown, and malfunction plan required in paragraph (e)(3) of this section), review of operation and maintenance records, and inspection of the source.

(ii) Malfunctions must be corrected as soon as practicable after their occurrence. To the extent that an unexpected event arises during a startup, shutdown, or malfunction, an owner or operator must comply by minimizing emissions during such a startup, shutdown, and malfunction event consistent with safety and good air pollution control practices.

(iii) Operation and maintenance requirements established pursuant to section 112 of the Act are enforceable independent of emissions limitations or other requirements in relevant standards.

[59 FR 12430, Mar. 16, 1994, as amended at 67 FR 16599, Apr. 5, 2002; 68 FR 32600, May 30, 2003; 71 FR 20454, Apr. 20, 2006]

VII. ADDITIONAL REQUIREMENTS.

 # 020 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63 Subpart WWWW Table 1]

Subpart WWWW-National Emissions Standards for Hazardous Air Pollutants: Reinforced Plastic Composites Production

Equations to Calculate Organic HAP Emissions Factors for Specific Open Molding and Centrifugal Casting Process Streams

[Category 1.a.i for "Open Molding Operation -- Manual Resin Application -- nonvapor-suppressed resin" is the only category in Table 1 applicable to any operations at Haysite and is printed here. All other non-applicable categories are omitted from this condition.]

Table 1 to Subpart WWWW of Part 63 – Equations to Calculate Organic HAP Emissions Factors for Specific Open Molding and Centrifugal Casting Process Stream (See NOTE 1)

As specified in §63.5810, use the equations in the following table to calculate organic HAP emissions factors for specific open molding and centrifugal casting process streams:

If your operation type is a new or existing ‘Open Molding Operation’ and you use ‘Manual Resin Application’ with ‘nonvapor-suppressed resin’,

(A) Use this organic HAP Emissions Factor (EF) Equation for materials with less than 33 percent organic HAP (19 percent organic HAP for non-atomized gel coat) (See NOTES 2, 3, 4):

SECTION E. Source Group Restrictions.

EF = 0.126 x %HAP x 2000

(B) Use this organic HAP Emissions Factor (EF) Equation for materials with 33 percent or more organic HAP (19 percent for non-atomized gel coat) (See NOTE 2, 3, 4):

EF = ((0.126 x %HAP) – 0.0529) x 2000

Footnotes to Table 1

NOTE 1: The equations in this table are intended for use in calculating emission factors to demonstrate compliance with the emission limits in subpart WWWW. These equations may not be the most appropriate method to calculate emission estimates for other purposes. However, this does not preclude a facility from using the equations in this table to calculate emission factors for purposes other than rule compliance if these equations are the most accurate available.

NOTE 2: To obtain the organic HAP emissions factor value for an operation with an add-on control device, multiply the EF above by the add-on control factor calculated using Equation 1 of §63.5810. The organic HAP emissions factors have units of lbs. of organic HAP per ton of resin or gel coat applied.

NOTE 3: Percent HAP means total weight percent of organic HAP (styrene, methyl methacrylate, and any other organic HAP) in the resin or gel coat prior to the addition of fillers, catalyst, and promoters. Input the percent HAP as a decimal, i.e., 33 percent HAP should be input as 0.33, not 33.

NOTE 4: The VSE factor means the percent reduction in organic HAP emissions expressed as a decimal measured by the VSE test method of appendix A to this subpart.

[Source: 70 FR 50129, Aug. 26, 2005] [Complete Table 1 is available at this web address. https://www.ecfr.gov/graphics/pdfs/er25au05.020.pdf]

 # 021 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63 Subpart WWWW Table 13]

Subpart WWWW-National Emissions Standards for Hazardous Air Pollutants: Reinforced Plastic Composites Production

Applicability and Timing of Notifications

[Table 13 to Subpart WWWW of Part 63 contains one-time requirements which have already been met as documented here. Categories 1 and 5 apply. Categories 2, 4, and 6 do not apply to Haysite.

1. This requirement was met with Haysite's July 30, 2003, submittal of the Initial Notification for which a copy is on file in PA DEP NWRO file AQ/Facilities/Case/25-000-00783.

5. This requirement was met with Haysite's August 16, 2013, submittal of the Notification of Compliance Status for which a copy is on file in PA DEP NWRO file AQ/Facilities/Case/25-000-00783.]

[Source: 68 FR 19402, Apr. 21, 2003]

 # 022 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63 Subpart WWWW Table 15]

Subpart WWWW-National Emissions Standards for Hazardous Air Pollutants: Reinforced Plastic Composites Production

Applicability of General Provisions (Subpart A) to Subpart WWWW of Part 63

[Refer to regulation for 40 CFR Part 63 Subpart WWWW Table 15 -- Applicability of General Provisions (Subpart A) to Subpart WWWW of Part 63, available at the following web address. https://www.ecfr.gov/cgi-bin/text-idx?SID=42942b0d7be2b75fffab8e326f97b976&mc=true&node=ap40.14.63_15935.15&rgn=div9]

 # 023 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63 Subpart WWWW Table 2]

Subpart WWWW-National Emissions Standards for Hazardous Air Pollutants: Reinforced Plastic Composites Production

Compliance Dates for New and Existing Reinforced Plastic Composites Facilities

As required in §§ 63.5800 and 63.5840 you must demonstrate compliance with the standards by the dates in the following table:

SECTION E. Source Group Restrictions.

[Text from applicable categories of Table 2 are printed below. Non-applicable categories and non-applicable text of Table 2 are omitted.]

1. If your facility is an existing source and is a major source on or before the publication date of this subpart, then you must comply by April 21, 2006.

2. [Category 2 is not applicable to Haysite.]

3. If your facility is an existing source, and emits less than 100 tpy of organic HAP from the combination of all centrifugal casting and continuous lamination/casting operations at the time of initial compliance with this subpart, and subsequently increases its actual organic HAP emissions to 100 tpy or more from these operations, which requires that the facility must now comply with the standards in § 63.5805(b); then you must comply by 3 years of the date your semi-annual compliance report indicates your facility meets or exceeds the 100 tpy threshold.

4 - 6. [Categories 4 through 6 are not applicable to Haysite.]

[Source: 68 FR 19402, Apr. 21, 2003]

 # 024 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.5790]

Subpart WWWW-National Emissions Standards for Hazardous Air Pollutants: Reinforced Plastic Composites Production

What parts of my plant does this subpart cover?

(a) This subpart applies to each new or existing affected source at reinforced plastic composites production facilities.

(b) The affected source consists of all parts of your facility engaged in the following operations: Open molding, closed molding, centrifugal casting, continuous lamination, continuous casting, polymer casting, pultrusion, sheet molding compound (SMC) manufacturing, bulk molding compound (BMC) manufacturing, mixing, cleaning of equipment used in reinforced plastic composites manufacture, HAP-containing materials storage, and repair operations on parts you also manufacture.

(c) The following operations are specifically excluded from any requirements in this subpart: application of mold sealing and release agents; mold stripping and cleaning; repair of parts that you did not manufacture, including non-routine manufacturing of parts; personal activities that are not part of the manufacturing operations (such as hobby shops on military bases); prepreg materials as defined in § 63.5935; non-gel coat surface coatings; application of putties, polyputties, and adhesives; repair or production materials that do not contain resin or gel coat; research and development operations as defined in section 112(c)(7) of the CAA; polymer casting; and closed molding operations (except for compression/injection molding). Note that the exclusion of certain operations from any requirements applies only to operations specifically listed in this paragraph. The requirements for any co-located operations still apply.

(d) Production resins that must meet military specifications are allowed to meet the organic HAP limit contained in that specification. In order for this exemption to be used, you must supply to the permitting authority the specifications certified as accurate by the military procurement officer, and those specifications must state a requirement for a specific resin, or a specific resin HAP content. Production resins for which this exemption is used must be applied with nonatomizing resin application equipment unless you can demonstrate this is infeasible. You must keep a record of the resins for which you are using this exemption.

[68 FR 19402, Apr. 21, 2003, as amended at 70 FR 50124, Aug. 25, 2005]

 # 025 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.5796]

Subpart WWWW-National Emissions Standards for Hazardous Air Pollutants: Reinforced Plastic Composites Production

What are the organic HAP emissions factor equations in Table 1 to this subpart, and how are they used in this subpart?

Emissions factors are used in this subpart to determine compliance with certain organic HAP emissions limits in Tables 3 and 5 to this subpart. You may use the equations in Table 1 to this subpart to calculate your emissions factors. Equations are available for each open molding operation and centrifugal casting operation and have units of pounds of organic HAP emitted per ton (lb/ton) of resin or gel coat applied. These equations are intended to provide a method for you to demonstrate compliance without the need to conduct for a HAP emissions test. In lieu of these equations, you can elect to use site-specific organic HAP emissions factors to demonstrate compliance provided your site-specific organic HAP

SECTION E. Source Group Restrictions.

emissions factors are incorporated in the facility's air emissions permit and are based on actual facility HAP emissions test data. You may also use the organic HAP emissions factors calculated using the equations in Table 1 to this subpart, combined with resin and gel coat use data, to calculate your organic HAP emissions.

[Refer to regulation for Table 1 of this subpart. The categories from Table 3 applicable to Haysite are printed under RESTRICTIONS in this section of permit. Table 5 has no categories applicable to Haysite.]

[Source: 68 FR 19402, Apr. 21, 2003]

 # 026 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.5797]

Subpart WWWW-National Emissions Standards for Hazardous Air Pollutants: Reinforced Plastic Composites Production

How do I determine the organic HAP content of my resins and gel coats?

In order to determine the organic HAP content of resins and gel coats, you may rely on information provided by the material manufacturer, such as manufacturer's formulation data and material safety data sheets (MSDS), using the procedures specified in paragraphs (a) through (c) of this section, as applicable.

(a) Include in the organic HAP total each organic HAP that is present at 0.1 percent by mass or more for Occupational Safety and Health Administration-defined carcinogens, as specified in 29 CFR 1910.1200(d)(4) and at 1.0 percent by mass or more for other organic HAP compounds.

(b) If the organic HAP content is provided by the material supplier or manufacturer as a range, you must use the upper limit of the range for determining compliance. If a separate measurement of the total organic HAP content, such as an analysis of the material by EPA Method 311 of appendix A to 40 CFR part 63, exceeds the upper limit of the range of the total organic HAP content provided by the material supplier or manufacturer, then you must use the measured organic HAP content to determine compliance.

(c) If the organic HAP content is provided as a single value, you may use that value to determine compliance. If a separate measurement of the total organic HAP content is made and is less than 2 percentage points higher than the value for total organic HAP content provided by the material supplier or manufacturer, then you still may use the provided value to demonstrate compliance. If the measured total organic HAP content exceeds the provided value by 2 percentage points or more, then you must use the measured organic HAP content to determine compliance.

[Source: 68 FR 19402, Apr. 21, 2003]

 # 027 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.5799]

Subpart WWWW-National Emissions Standards for Hazardous Air Pollutants: Reinforced Plastic Composites Production

How do I calculate my facility's organic HAP emissions on a tpy basis for purposes of determining which paragraphs of §63.5805 apply?

To calculate your facility's organic HAP emissions in tpy for purposes of determining which paragraphs in § 63.5805 apply to you, you must use the procedures in either paragraph (a) of this section for new facilities prior to startup, or paragraph (b) of this section for existing facilities and new facilities after startup.

You are not required to calculate or report emissions under this section if you are an existing facility that does not have centrifugal casting or continuous lamination/casting operations, or a new facility that does not have any of the following operations: Open molding, centrifugal casting, continuous lamination/casting, pultrusion, SMC and BMC manufacturing, and mixing.

Emissions calculation and emission reporting procedures in other sections of this subpart still apply.

[Remaining text of this Introductory paragraph of 63.5799 is omitted from this Title V permit because it is not applicable to Haysite.]

(a) [63.5799(a) is not applicable to Haysite.]

(b) For existing facilities and new facilities after startup, you may use the procedures in either paragraph (b)(1) or (2) of this section. If the emission factors for an existing facility have changed over the period of time prior to their initial compliance

SECTION E. Source Group Restrictions.

date due to incorporation of pollution-prevention control techniques, existing facilities may base the average emission factor on their operations as they exist on the compliance date. If an existing facility has accepted an enforceable permit limit that would result in less than 100 tpy of HAP measured prior to any add-on controls, and can demonstrate that they will operate at that level subsequent to the compliance date, they can be deemed to be below the 100 tpy threshold.

(1) Use a calculated emission factor. Calculate a weighted average organic HAP emissions factor on a lbs/ton of resin and gel coat basis. Base the weighted average on the prior 12 months of operation. Multiply the weighted average organic HAP emissions factor by resin and gel coat use over the same period. You may calculate this organic HAP emissions factor based on the equations in Table 1 to this subpart, or you may use any organic HAP emissions factor approved by us, such as factors from AP-42, or site-specific organic HAP emissions factors if they are supported by HAP emissions test data. [Refer to regulation 40 CFR Part 63 Subpart WWWW for Table 1.]

(2) [63.5799(b)(2) is not applicable to Haysite.]

(c) [63.5799(c) is not applicable to Haysite.]

[68 FR 19402, Apr. 21, 2003, as amended at 70 FR 50124, Aug. 25, 2005]

 # 028 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.5800]

Subpart WWWW-National Emissions Standards for Hazardous Air Pollutants: Reinforced Plastic Composites Production

When do I have to comply with this subpart?

You must comply with the standards in this subpart by the dates specified in Table 2 to this subpart. Facilities meeting an organic HAP emissions standard based on a 12-month rolling average must begin collecting data on the compliance date in order to demonstrate compliance. [Table 2 is printed in this section of permit under ADDITIONAL REQUIREMENTS.]

[Source: 68 FR 19402, Apr. 21, 2003]

 # 029 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.5810]

Subpart WWWW-National Emissions Standards for Hazardous Air Pollutants: Reinforced Plastic Composites Production

What are my options for meeting the standards for open molding and centrifugal casting operations at new and existing sources?

You must use one of the following methods in paragraphs (a) through (d) of this section to meet the standards for open molding or centrifugal casting operations in Table 3 or 5 to this subpart. You may use any control method that reduces organic HAP emissions, including reducing resin and gel coat organic HAP content, changing to nonatomized mechanical application, using covered curing techniques, and routing part or all of your emissions to an add-on control. You may use different compliance options for the different operations listed in Table 3 or 5 to this subpart. The necessary calculations must be completed within 30 days after the end of each month. You may switch between the compliance options in paragraphs (a) through (d) of this section. When you change to an option based on a 12-month rolling average, you must base the average on the previous 12 months of data calculated using the compliance option you are changing to, unless you were previously using an option that did not require you to maintain records of resin and gel coat use. In this case, you must immediately begin collecting resin and gel coat use data and demonstrate compliance 12 months after changing options.

(a) Demonstrate that an individual resin or gel coat, as applied, meets the applicable emission limit in Table 3 or 5 to this subpart.

(1) Calculate your actual organic HAP emissions factor for each different process stream within each operation type. A process stream is defined as each individual combination of resin or gel coat, application technique, and control technique. Process streams within operations types are considered different from each other if any of the following four characteristics vary: the neat resin plus or neat gel coat plus organic HAP content, the gel coat type, the application technique, or the control technique. You must calculate organic HAP emissions factors for each different process stream by using the appropriate equations in Table 1 to this subpart for open molding and for centrifugal casting, or site-specific organic HAP emissions factors discussed in §63.5796. The emission factor calculation should include any and all emission reduction techniques used including any add-on controls. If you are using vapor suppressants to reduce HAP emissions, you must determine the vapor suppressant effectiveness (VSE) by conducting testing according to the procedures specified in appendix A to subpart WWWW of 40 CFR part 63. If you are using an add-on control device to reduce HAP emissions, you must

SECTION E. Source Group Restrictions.

determine the add-on control factor by conducting capture and control efficiency testing using the procedures specified in §63.5850. The organic HAP emissions factor calculated from the equations in Table 1 to this subpart, or a site-specific emissions factor, is multiplied by the add-on control factor to calculate the organic HAP emissions factor after control. Use Equation 1 of this section to calculate the add-on control factor used in the organic HAP emissions factor equations.

[Refer to regulation for formula.]

[View or download PDF at this web address https://www.ecfr.gov/graphics/pdfs/er25au05.013.pdf]

Where:
Percent Control Efficiency = a value calculated from organic HAP emissions test measurements made according to the requirements of §63.5850 to this subpart.

(2) If the calculated emission factor is less than or equal to the appropriate emission limit, you have demonstrated that this process stream complies with the emission limit in Table 3 to this subpart. It is not necessary that all your process streams, considered individually, demonstrate compliance to use this option for some process streams. However, for any individual resin or gel coat you use, if any of the process streams that include that resin or gel coat are to be used in any averaging calculations described in paragraphs (b) through (d) of this section, then all process streams using that individual resin or gel coat must be included in the averaging calculations.

(b) Demonstrate that, on average, you meet the individual organic HAP emissions limits for each combination of operation type and resin application method or gel coat type. Demonstrate that on average you meet the individual organic HAP emissions limits for each unique combination of operation type and resin application method or gel coat type shown in Table 3 to this subpart that applies to you.

(1) (i) Group the process streams described in paragraph (a) to this section by operation type and resin application method or gel coat type listed in Table 3 to this subpart and then calculate a weighted average emission factor based on the amounts of each individual resin or gel coat used for the last 12 months. To do this, sum the product of each individual organic HAP emissions factor calculated in paragraph (a)(1) of this section and the amount of neat resin plus and neat gel coat plus usage that corresponds to the individual factors and divide the numerator by the total amount of neat resin plus and neat gel coat plus used in that operation type as shown in Equation 2 of this section.

[Refer to regulation for formula.]

[View or download PDF at this web address https://www.ecfr.gov/graphics/pdfs/er25au05.014.pdf]

Where:
Actual Process Stream EFi = actual organic HAP emissions factor for process stream i, lbs/ton;
Materiali = neat resin plus or neat gel coat plus used during the last 12 calendar months for process stream i, tons;
n = number of process streams where you calculated an organic HAP emissions factor.

(ii) You may, but are not required to, include process streams where you have demonstrated compliance as described in paragraph (a) of this section, subject to the limitations described in paragraph (a)(2) of this section, and you are not required to and should not include process streams for which you will demonstrate compliance using the procedures in paragraph (d) of this section.

(2) Compare each organic HAP emissions factor calculated in paragraph (b)(1) of this section with its corresponding organic HAP emissions limit in Table 3 or 5 to this subpart. If all emissions factors are equal to or less than their corresponding emission limits, then you are in compliance.

(c) Demonstrate compliance with a weighted average emission limit. Demonstrate each month that you meet each weighted average of the organic HAP emissions limits in Table 3 or 5 to this subpart that apply to you. When using this option, you must demonstrate compliance with the weighted average organic HAP emissions limit for all your open molding operations, and then separately demonstrate compliance with the weighted average organic HAP emissions limit for all your centrifugal casting operations. Open molding operations and centrifugal casting operations may not be averaged with each other.

SECTION E. Source Group Restrictions.

(1) Each month calculate the weighted average organic HAP emissions limit for all open molding operations and the weighted average organic HAP emissions limit for all centrifugal casting operations for your facility for the last 12-month period to determine the organic HAP emissions limit you must meet. To do this, multiply the individual organic HAP emissions limits in Table 3 or 5 to this subpart for each open molding (centrifugal casting) operation type by the amount of neat resin plus or neat gel coat plus used in the last 12 months for each open molding (centrifugal casting) operation type, sum these results, and then divide this sum by the total amount of neat resin plus and neat gel coat plus used in open molding (centrifugal casting) over the last 12 months as shown in Equation 3 of this section.

[Refer to regulation for formula.]

[View or download PDF at this web address https://www.ecfr.gov/graphics/pdfs/er25au05.015.pdf]

Where:
ELi = organic HAP emissions limit for operation type i, lbs/ton from Tables 3 or 5 to this subpart;
Materiali = neat resin plus or neat gel coat plus used during the last 12-month period for operation type i, tons;
n = number of operations.

(2) Each month calculate your weighted average organic HAP emissions factor for open molding and centrifugal casting. To do this, multiply your actual open molding (centrifugal casting) operation organic HAP emissions factors calculated in paragraph (b)(1) of this section and the amount of neat resin plus and neat gel coat plus used in each open molding (centrifugal casting) operation type, sum the results, and divide this sum by the total amount of neat resin plus and neat gel coat plus used in open molding (centrifugal casting) operations as shown in Equation 4 of this section.

[Refer to regulation for formula.]

[View or download PDF at this web address https://www.ecfr.gov/graphics/pdfs/er25au05.016.pdf]

Where:
Actual Individual EFi = Actual organic HAP emissions factor for operation type i, lbs/ton;
Materiali = neat resin plus or neat gel coat plus used during the last 12 calendar months for operation type i, tons;
n = number of operations.

(3) Compare the values calculated in paragraphs (c)(1) and (2) of this section. If each 12-month rolling average organic HAP emissions factor is less than or equal to the corresponding 12-month rolling average organic HAP emissions limit, then you are in compliance.

(d) Meet the organic HAP emissions limit for one application method and use the same resin(s) for all application methods of that resin type. This option is limited to resins of the same type. The resin types for which this option may be used are noncorrosion-resistant, corrosion-resistant and/or high strength, and tooling.

(1) For any combination of manual resin application, mechanical resin application, filament application, or centrifugal casting, you may elect to meet the organic HAP emissions limit for any one of these application methods and use the same resin in all of the resin application methods listed in this paragraph (d)(1). Table 7 to this subpart presents the possible combinations based on a facility selecting the application process that results in the highest allowable organic HAP content resin. If the resin organic HAP content is below the applicable value shown in Table 7 to this subpart, the resin is in compliance.

(2) You may also use a weighted average organic HAP content for each application method described in paragraph (d)(1) of this section. Calculate the weighted average organic HAP content monthly. Use Equation 2 in paragraph (b)(1) of this section except substitute organic HAP content for organic HAP emissions factor. You are in compliance if the weighted average organic HAP content based on the last 12 months of resin use is less than or equal to the applicable organic HAP contents in Table 7 to this subpart.

(3) You may simultaneously use the averaging provisions in paragraph (b) or (c) of this section to demonstrate compliance for any operations and/or resins you do not include in your compliance demonstrations in paragraphs (d)(1) and (2) of this section. However, any resins for which you claim compliance under the option in paragraphs (d)(1) and (2) of this section may not be included in any of the averaging calculations described in paragraph (b) or (c) of this section.

SECTION E. Source Group Restrictions.

(4) You do not have to keep records of resin use for any of the individual resins where you demonstrate compliance under the option in paragraph (d)(1) of this section unless you elect to include that resin in the averaging calculations described in paragraph (d)(2) of this section.

[70 FR 50125, Aug. 25, 2005]

 # 030 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.5925]

Subpart WWWW-National Emissions Standards for Hazardous Air Pollutants: Reinforced Plastic Composites Production

What parts of the General Provisions apply to me?

Table 15 to this subpart shows which parts of the General Provisions in §§63.1 through 63.15 apply to you.

 # 031 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.5935]

Subpart WWWW-National Emissions Standards for Hazardous Air Pollutants: Reinforced Plastic Composites Production

What definitions apply to this subpart?

[Selected definitions are printed below. Refer to regulations 40 CFR §63.2 and 40 CFR §63.5935 for remaining definitions applicable to Subpart WWWW.]

'Gel Coat' means a quick-setting resin used to improve surface appearance and/or performance of composites. It can be used to form the surface layer of any composites other than those used for molds in tooling operations.

'Gel coat application' means a process where either clear production, pigmented production, white/off-white or tooling gel coat is applied.

'Manual resin application' means an open molding process for fabricating composites in which composite materials are applied to the mold by pouring or by using hands and nonmechanical tools, such as brushes and rollers. Materials are rolled out or worked by using nonmechanical tools prior to curing. The use of pressure-fed rollers and flow coaters to apply resin is not considered manual resin application.

'Mechanical resin application' means an open molding process for fabricating composites in which composite materials (except gel coat) are applied to the mold by using mechanical tools such as spray guns, pressure-fed rollers, and flow coaters. Materials are rolled out or worked by using nonmechanical tools prior to curing.

'Mixing' means the blending or agitation of any HAP-containing materials in vessels that are 5.00 gallons (18.9 liters) or larger, and includes the mixing of putties or polyputties. Mixing may involve the blending of resin, gel coat, filler, reinforcement, pigments, catalysts, monomers, and any other additives.

'Open molding' means a process for fabricating composites in a way that HAP-containing materials are exposed to the atmosphere. Open molding includes processes such as manual resin application, mechanical resin application, filament application, and gel coat application. Open molding also includes application of resins and gel coats to parts that have been removed from the open mold.

'Repair' means application of resin or gel coat to a part to correct a defect, where the resin or gel coat application occurs after the part has gone through all the steps of its typical production process, or the application occurs outside the normal production area. For purposes of this subpart, rerouting a part back through the normal production line, or part of the normal production line, is not considered repair.

[68 FR 19402, Apr. 21, 2003, as amended at 70 FR 50129, Aug. 25, 2005]

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

SECTION E. Source Group Restrictions.

Group Name: 4 - RACT II TESTING

Group Description: Testing & Submittal Requirements for RACT II

Sources included in this group

ID	Name
101	FLAT SHEET MOLDING
102	BMC AND SMC COMPRESSION MOLDING
105	PULTRUSION MOLDING
106	MIX ROOM

I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

 # 001 [25 Pa. Code §129.99]

Alternative RACT proposal and petition for alternative compliance schedule.

The facility shall conduct VOC stack testing in accordance with a Department approved emissions source test that meets the requirements of Chapter 139 Subchapter A (relating to sampling and test methods and procedures). The testing shall be conducted on Sources 101, 102, 105, & 106 to verify that the lb/ton emissions are within the limits imposed by the approval of the alternative RACT II proposal. The testing shall be conducted between 12 and 18 months prior to the expiration of this Title V operating permit.

[From review of alternative RACT II proposal completed July 13, 2018. Puller #7 is not subject to this requirement because it was constructed after the 25 Pa. Code §129.96 applicability date.]

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

 # 002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Submittal requirements pertaining to Emissions Testing]

(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 (8) 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 (h) 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 (b) 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

SECTION E. Source Group Restrictions.

accordance with paragraph (h) of this condition, indicating why the proposed completion date of the on-site testing was not adhered to.

(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.

(f) 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.

(g) All testing shall be performed in accordance with the provisions of Chapter 139 of the Rules and Regulations of the Department of Environmental Protection.

(h) 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/ecomm/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

(i) The permittee shall ensure all federal reporting requirements contained in the applicable subpart of 40 CFR are

SECTION E. Source Group Restrictions.

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.

(j) 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.

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

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

SECTION E. Source Group Restrictions.

Group Name: 5 - RACT II RECORDS

Group Description: Recordkeeping for sources subject to RACT II

Sources included in this group

ID	Name
032	BOILER 2, NORTH AMERICAN
033	MISC COMBUSTION UNITS
034	BOILER 3, BURNHAM
101	FLAT SHEET MOLDING
102	BMC AND SMC COMPRESSION MOLDING
103	SMC MACHINE
105	PULTRUSION MOLDING
106	MIX ROOM
109	30 HP NATURAL GAS FUELED EMERGENCY GENERATOR

I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

 # 001 [25 Pa. Code §129.100]

Compliance demonstration and recordkeeping requirements.

[From 25 Pa. Code §129.100(d), (f), and (i)]

(d) The owner and operator of an air contamination source subject to this section and § § 129.96 - 129.99 shall keep records to demonstrate compliance with § § 129.96 - 129.99 in the following manner:

(1) The records must include sufficient data and calculations to demonstrate that the requirements of § § 129.96 - 129.99 are met.

(2) Data or information required to determine compliance shall be recorded and maintained in a time frame consistent with the averaging period of the requirement.

(f) Beginning with the compliance date specified in § 129.97(a), the owner or operator of an air contamination source claiming that the air contamination source is exempt from the applicable VOC emission rate threshold specified in § 129.99(c) and the requirements of § 129.97 based on the air contamination source's potential to emit shall maintain records that demonstrate to the Department or appropriate approved local air pollution control agency that the air contamination source is not subject to the specified emission rate threshold.

(i) The records shall be retained by the owner or operator for 5 years and made available to the Department or appropriate approved local air pollution control agency upon receipt of a written request from the Department or appropriate approved local air pollution control agency.

V. REPORTING REQUIREMENTS.

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

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 (Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

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

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

SECTION E. Source Group Restrictions.

Group Name: 6 - 40 CFR 63 SUBPART ZZZZ

Group Description: 40 CFR Part 63 Subpart ZZZZ -- NESHAP for Stationary RICE -- Emergency engine < 500 hp

Sources included in this group

ID	Name
109	30 HP NATURAL GAS FUELED EMERGENCY GENERATOR

I. RESTRICTIONS.

Operation Hours Restriction(s).

 # 001 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6640]

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

How do I demonstrate continuous compliance with the emission limitations, operating limitations, and other requiremer

(a) - (e) [Paragraphs 63.6640(a) - (e) are printed under REPORTING REQUIREMENTS in this section of permit.]

(f) If you own or operate an emergency stationary RICE, you must operate the emergency stationary RICE according to the requirements in paragraphs (f)(1) through (4) of this section. In order for the engine to be considered an emergency stationary RICE under this subpart, any operation other than emergency operation, maintenance and testing, emergency demand response, and operation in non-emergency situations for 50 hours per year, as described in paragraphs (f)(1) through (4) of this section, is prohibited. If you do not operate the engine according to the requirements in paragraphs (f)(1) through (4) of this section, the engine will not be considered an emergency engine under this subpart and must meet all requirements for non-emergency engines.

(1) There is no time limit on the use of emergency stationary RICE in emergency situations.

(2) You may operate your emergency stationary RICE for any combination of the purposes specified in paragraphs (f)(2)(i) through (iii) of this section for a maximum of 100 hours per calendar year. Any operation for non-emergency situations as allowed by paragraphs (f)(3) and (4) of this section counts as part of the 100 hours per calendar year allowed by this paragraph (f)(2).

(i) Emergency stationary RICE may be operated for maintenance checks and readiness testing, provided that the tests are recommended by federal, state or local government, the manufacturer, the vendor, the regional transmission organization or equivalent balancing authority and transmission operator, or the insurance company associated with the engine. The owner or operator may petition the Administrator for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the owner or operator maintains records indicating that federal, state, or local standards require maintenance and testing of emergency RICE beyond 100 hours per calendar year.

(ii) Emergency stationary RICE may be operated for emergency demand response for periods in which the Reliability Coordinator under the North American Electric Reliability Corporation (NERC) Reliability Standard EOP-002-3, Capacity and Energy Emergencies (incorporated by reference, see § 63.14), or other authorized entity as determined by the Reliability Coordinator, has declared an Energy Emergency Alert Level 2 as defined in the NERC Reliability Standard EOP-002-3.

(iii) Emergency stationary RICE may be operated for periods where there is a deviation of voltage or frequency of 5 percent or greater below standard voltage or frequency.

(3) Emergency stationary RICE located at major sources of HAP may be operated for up to 50 hours per calendar year in non-emergency situations. The 50 hours of operation in non-emergency situations are counted as part of the 100 hours per calendar year for maintenance and testing and emergency demand response provided in paragraph (f)(2) of this section. The 50 hours per year for non-emergency situations cannot be used for peak shaving or non-emergency demand response, or to generate income for a facility to supply power to an electric grid or otherwise supply power as part of a financial arrangement with another entity.

(4) [63.6640(f)(4) is not applicable to Haysite.]

[69 FR 33506, June 15, 2004, as amended at 71 FR 20467, Apr. 20, 2006; 73 FR 3606, Jan. 18, 2008; 75 FR 9676, Mar. 3,

SECTION E. Source Group Restrictions.

2010; 75 FR 51591, Aug. 20, 2010; 78 FR 6704, Jan. 30, 2013]

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

 # 002 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6655]

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

What records must I keep?

(a) If you must comply with the emission and operating limitations, you must keep the records described in paragraphs (a)(1) through (a)(5), (b)(1) through (b)(3) and (c) of this section.

(1) A copy of each notification and report that you submitted to comply with this subpart, including all documentation supporting any Initial Notification or Notification of Compliance Status that you submitted, according to the requirement in § 63.10(b)(2)(xiv).

(2) Records of the occurrence and duration of each malfunction of operation (i.e., process equipment) or the air pollution control and monitoring equipment.

(3) - (4) [Paragraphs 63.6655(a)(3) and (4) are not applicable to this engine.]

(5) Records of actions taken during periods of malfunction to minimize emissions in accordance with § 63.6605(b), including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation.

(b) - (c) [Paragraphs 63.6655(b) and (c) are not applicable to this engine.]

(d) You must keep the records required in Table 6 of this subpart to show continuous compliance with each emission or operating limitation that applies to you.

(e) You must keep records of the maintenance conducted on the stationary RICE in order to demonstrate that you operated and maintained the stationary RICE and after-treatment control device (if any) according to your own maintenance plan if you own or operate any of the following stationary RICE;

(1) An existing stationary RICE with a site rating of less than 100 brake HP located at a major source of HAP emissions.

(2) An existing stationary emergency RICE.

(3) [Paragraphs 63.6655(e)(3) is not applicable to this engine.]

(f) If you own or operate any of the stationary RICE in paragraphs (f)(1) through (2) of this section, you must keep records of the hours of operation of the engine that is recorded through the non-resettable hour meter. The owner or operator must document how many hours are spent for emergency operation, including what classified the operation as emergency and how many hours are spent for non-emergency operation. If the engine is used for the purposes specified in § 63.6640(f)(2)(ii) or (iii) or § 63.6640(f)(4)(ii), the owner or operator must keep records of the notification of the emergency situation, and the date, start time, and end time of engine operation for these purposes.

SECTION E. Source Group Restrictions.

(1) An existing emergency stationary RICE with a site rating of less than or equal to 500 brake HP located at a major source of HAP emissions that does not meet the standards applicable to non-emergency engines.

(2) [Paragraphs 63.6655(f)(2) is not applicable to this engine.]

[69 FR 33506, June 15, 2004, as amended at 75 FR 9678, Mar. 3, 2010; 75 FR 51592, Aug. 20, 2010; 78 FR 6706, Jan. 30, 2013]

 # 003 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6660]

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

In what form and how long must I keep my records?

(a) Your records must be in a form suitable and readily available for expeditious review according to § 63.10(b)(1).

(b) As specified in § 63.10(b)(1), you must keep each record for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record.

(c) You must keep each record readily accessible in hard copy or electronic form for at least 5 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, according to § 63.10(b)(1).

[69 FR 33506, June 15, 2004, as amended at 75 FR 9678, Mar. 3, 2010]

V. REPORTING REQUIREMENTS.

 # 004 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6640]

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

How do I demonstrate continuous compliance with the emission limitations, operating limitations, and other requirements?

(a) You must demonstrate continuous compliance with each emission limitation, operating limitation, and other requirements in Table 2c to this subpart that apply to you according to methods specified in Table 6 to this subpart. [Table 2c and Table 6 are printed in this section of permit under WORK PRACTICE REQUIREMENTS. References in 63.6640(a) to non-applicable tables are omitted from this paragraph.]

(b) You must report each instance in which you did not meet each emission limitation or operating limitation in Table 2c to this subpart that apply to you. These instances are deviations from the emission and operating limitations in this subpart. These deviations must be reported according to the requirements in § 63.6650. [Non-applicable text and references in 63.6640(b) to non-applicable tables are omitted from this paragraph.]

(c) -(d) [Paragraphs 63.6640(c)-(d) are not applicable to Haysite.]

(e) You must also report each instance in which you did not meet the requirements in Table 8 to this subpart that apply to you. [Remaining text of 63.6640(e) is not applicable to Haysite and has been omitted from this paragraph.]

(f) [Paragraph 63.6640(f) is printed under RESTRICTIONS in this section of permit.]

[69 FR 33506, June 15, 2004, as amended at 71 FR 20467, Apr. 20, 2006; 73 FR 3606, Jan. 18, 2008; 75 FR 9676, Mar. 3, 2010; 75 FR 51591, Aug. 20, 2010; 78 FR 6704, Jan. 30, 2013]

 # 005 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6650]

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

What reports must I submit and when?

(a) - (e) [Paragraphs 63.6650(a) - (e) are not applicable to Haysite's engine.]

(f) Each affected source that has obtained a title V operating permit pursuant to 40 CFR part 70 or 71 must report all deviations as defined in this subpart in the semiannual monitoring report required by 40 CFR 70.6 (a)(3)(iii)(A) or 40 CFR 71.6(a)(3)(iii)(A). If an affected source submits a Compliance report pursuant to Table 7 of this subpart along with, or as

SECTION E. Source Group Restrictions.

part of, the semiannual monitoring report required by 40 CFR 70.6(a)(3)(iii)(A) or 40 CFR 71.6(a)(3)(iii)(A), and the Compliance report includes all required information concerning deviations from any emission or operating limitation in this subpart, submission of the Compliance report shall be deemed to satisfy any obligation to report the same deviations in the semiannual monitoring report. However, submission of a Compliance report shall not otherwise affect any obligation the affected source may have to report deviations from permit requirements to the permit authority. [There are no Table 7 reporting requirements for Haysite's generator.]

(g) - (h) [Paragraphs 63.6650(g) - (h) are not applicable to Haysite's engine.]

[69 FR 33506, June 15, 2004, as amended at 75 FR 9677, Mar. 3, 2010; 78 FR 6705, Jan. 30, 2013]

VI. WORK PRACTICE REQUIREMENTS.

 # 006 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63 Subpart ZZZZ Table 2c]

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

Requirements for Existing Compression Ignition Stationary RICE Located at a Major Source of HAP Emissions and Existing Spark Ignition Stationary RICE < or = 500 HP Located at a Major Source of HAP Emissions

As stated in §§ 63.6600, 63.6602, and 63.6640, you must comply with the following requirements for existing spark ignition stationary RICE <= 500 HP located at a major source of HAP emissions:

[Category 6 of Table 2c to 40 CFR Part 63 Subpart ZZZZ applies to Haysite's emergency generator and is reprinted here. All non-applicable text and non-applicable categories of Table 2c are omitted from this condition.]

6. For each Emergency stationary SI RICE (See Note 1), you must meet the following requirements:
   a. Change oil and filter every 500 hours of operation or annually, whichever comes first; (See Note 2)
   b. Inspect spark plugs every 1,000 hours of operation or annually, whichever comes first, and replace as necessary;
   c. Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary. (See Note 3)

During periods of startup you must minimize the engine's time spent at idle and minimize the engine's startup time at startup to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes, after which time the non-startup emission limitations apply. (See note 3)

Note 1: If an emergency engine is operating during an emergency and it is not possible to shut down the engine in order to perform the work practice requirements on the schedule required in Table 2c of this subpart, or if performing the work practice on the required schedule would otherwise pose an unacceptable risk under federal, state, or local law, the work practice can be delayed until the emergency is over or the unacceptable risk under federal, state, or local law has abated. The work practice should be performed as soon as practicable after the emergency has ended or the unacceptable risk under federal, state, or local law has abated. Sources must report any failure to perform the work practice on the schedule required and the federal, state or local law under which the risk was deemed unacceptable.

Note 2: Sources have the option to utilize an oil analysis program as described in § 63.6625(j) in order to extend the specified oil change requirement in Table 2c of this subpart.

Note 3: Sources can petition the Administrator pursuant to the requirements of 40 CFR 63.6(g) for alternative work practices.

[78 FR 6708, Jan. 30, 2013, as amended at 78 FR 14457, Mar. 6, 2013]

 # 007 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63 Subpart ZZZZ Table 6]

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

Table 6 to Subpart ZZZZ of Part 63.-- Continuous Compliance With Emission Limitations and Operating Limitations

[Category 9 of Table 6 to 40 CFR Part 63 Subpart ZZZZ applies to Haysite's emergency engine and the requirements are printed here. All non-applicable text and non-applicable categories 1-8 and 10-15 from Table 9 are omitted from this condition.]

SECTION E. Source Group Restrictions.

9. For each existing emergency stationary RICE <= 500 hp located at a major source of HAP, complying with work or management practices, you must demonstrate continuous compliance by . . .

i. Operating and maintaining the stationary RICE according to the manufacturer's emission-related operation and maintenance instructions; or

ii. Develop and follow your own maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions.

[78 FR 6715, Jan. 30, 2013]

 # 008 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6602]

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

What emission limitations must I meet if I own or operate an existing stationary RICE with a site rating of equal to or less than 500 brake HP located at a major source of HAP emissions?

If you own or operate an existing stationary RICE with a site rating of equal to or less than 500 brake HP located at a major source of HAP emissions, you must comply with the emission limitations and other requirements in Table 2c to this subpart which apply to you. [Table 2c is printed in this section of permit under WORK PRACTICE REQUIREMENTS. 63.6602 text which is Non-applicable to Haysite is omitted from this paragraph.]

[78 FR 6701, Jan. 30, 2013]

 # 009 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6605]

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

What are my general requirements for complying with this subpart?

(a) You must be in compliance with the emission limitations, operating limitations, and other requirements in this subpart that apply to you at all times.

(b) At all times you must operate and maintain any affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. The general duty to minimize emissions does not require you to make any further efforts to reduce emissions if levels required by this standard have been achieved. Determination of whether such operation and maintenance procedures are being used will be based on information available to the Administrator which may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source.

[75 FR 9675, Mar. 3, 2010, as amended at 78 FR 6702, Jan. 30, 2013]

 # 010 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6625]

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

What are my monitoring, installation, operation, and maintenance requirements?

(a) - (d) [Paragraphs 63.6625(a) through (d) are not applicable to Haysite's engine.]

(e) If you own or operate any of the following stationary RICE, you must operate and maintain the stationary RICE and after-treatment control device (if any) according to the manufacturer's emission-related written instructions or develop your own maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions:

(1) [Paragraph 63.6625(e)(1) is not applicable to Haysite's engine.]

(2) An existing emergency or black start stationary RICE with a site rating of less than or equal to 500 HP located at a major source of HAP emissions;

(3) - (10) [Paragraphs 63.6625(e)(3) through (10) are not applicable to Haysite's engine.]

(f) If you own or operate an existing emergency stationary RICE with a site rating of less than or equal to 500 brake HP located at a major source of HAP emissions or an existing emergency stationary RICE located at an area source of HAP

SECTION E. Source Group Restrictions.

emissions, you must install a non-resettable hour meter if one is not already installed.

(g) [Paragraph 63.6625(g) is not applicable to Haysite's engine.]

(h) If you operate a new, reconstructed, or existing stationary engine, you must minimize the engine's time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes, after which time the emission standards applicable to all times other than startup in Tables 1a, 2a, 2c, and 2d to this subpart apply.

(i) [Paragraph 63.6625(i) is not applicable to Haysite's engine.]

(j) If you own or operate a stationary SI engine that is subject to the work, operation or management practices in item 6 of Table 2c to this subpart, you have the option of utilizing an oil analysis program in order to extend the specified oil change requirement in Table 2c. The oil analysis must be performed at the same frequency specified for changing the oil in Table 2c to this subpart. The analysis program must at a minimum analyze the following three parameters: Total Acid Number, viscosity, and percent water content. The condemning limits for these parameters are as follows: Total Acid Number increases by more than 3.0 milligrams of potassium hydroxide (KOH) per gram from Total Acid Number of the oil when new; viscosity of the oil has changed by more than 20 percent from the viscosity of the oil when new; or percent water content (by volume) is greater than 0.5. If all of these condemning limits are not exceeded, the engine owner or operator is not required to change the oil. If any of the limits are exceeded, the engine owner or operator must change the oil within 2 business days of receiving the results of the analysis; if the engine is not in operation when the results of the analysis are received, the engine owner or operator must change the oil within 2 business days or before commencing operation, whichever is later. The owner or operator must keep records of the parameters that are analyzed as part of the program, the results of the analysis, and the oil changes for the engine. The analysis program must be part of the maintenance plan for the engine. [Table 2c is printed in this section of permit under WORK PRACTICE REQUIREMENTS. Non-applicable references in the regulation to Table 2d and to items 7 and 8 of Table 2c are omitted from this condition.]

[69 FR 33506, June 15, 2004, as amended at 73 FR 3606, Jan. 18, 2008; 75 FR 9676, Mar. 3, 2010; 75 FR 51589, Aug. 20, 2010; 76 FR 12866, Mar. 9, 2011; 78 FR 6703, Jan. 30, 2013]

VII. ADDITIONAL REQUIREMENTS.

 # 011 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63 Subpart ZZZZ Table 8]

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

Table 8 to Subpart ZZZZ of Part 63.-- Applicability of General Provisions to Subpart ZZZZ

[Refer to regulation for Table 8 to 40 CFR Part 63 Subpart ZZZZ. Table 8 is available at the following web address. https://www.ecfr.gov/cgi-bin/text-idx?SID=c476f235643297e52099e3e5f7a96823&mc=true&node=ap40.15.63_16675.12&rgn=div9]

 # 012 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6595]

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

When do I have to comply with this subpart?

(a) Affected sources.

(1) [Non-applicable text of 63.6595(a)(1) is omitted from this paragraph.] If you have an existing stationary SI RICE with a site rating of less than or equal to 500 brake HP located at a major source of HAP emissions, or an existing stationary SI RICE located at an area source of HAP emissions, you must comply with the applicable emission limitations, operating limitations, and other requirements no later than October 19, 2013.

(2) - (7) [Paragraphs 63.6595(a)(2) - (7) are not applicable to Haysite.]

(b) [Paragraph 63.6595(b) is not applicable to Haysite.]

(c) If you own or operate an affected source, you must meet the applicable notification requirements in § 63.6645 and in 40 CFR part 63, subpart A.

SECTION E. Source Group Restrictions.

[69 FR 33506, June 15, 2004, as amended at 73 FR 3604, Jan. 18, 2008; 75 FR 9675, Mar. 3, 2010; 75 FR 51589, Aug. 20, 2010; 78 FR 6701, Jan. 30, 2013]

 # 013 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6645]

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

What notifications must I submit and when?

(a) - (c) [Not applicable.]

(d) [Paragraph (d) of the regulation is a one-time requirement which has already been met with Haysite's August 13, 2013, submittal of the Initial Notification for which a copy is on file in PA DEP NWRO file AQ/Facilities/Case/25-000-00783.]

(e) - (i) [Not applicable]

 # 014 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6665]

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

What parts of the General Provisions apply to me?

Table 8 to this subpart shows which parts of the General Provisions in §§ 63.1 through 63.15 apply to you. [Non-applicable text from 63.6665 has been omitted from this paragraph.] [Table 8 is available at this web address: https://www.ecfr.gov/cgi-bin/text-idx?SID=c476f235643297e52099e3e5f7a96823&mc=true&node=ap40.15.63_16675.12&rgn=div9]

[75 FR 9678, Mar. 3, 2010]

 # 015 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6675]

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

What definitions apply to this subpart?

[Selected definitions are printed here. Refer to regulation at the following web address for remaining definitions pertaining to 40 CFR Part 63 Subpart ZZZZ. https://www.ecfr.gov/cgi-bin/text-idx?SID=1270a775a11cc53513379ed0ce1ea389&mc=true&node=se40.15.63_16675&rgn=div8]

Deviation means any instance in which an affected source subject to this subpart, or an owner or operator of such a source:

(1) Fails to meet any requirement or obligation established by this subpart, including but not limited to any emission limitation or operating limitation;

(2) Fails to meet any term or condition that is adopted to implement an applicable requirement in this subpart and that is included in the operating permit for any affected source required to obtain such a permit; or

(3) Fails to meet any emission limitation or operating limitation in this subpart during malfunction, regardless or whether or not such failure is permitted by this subpart.

(4) Fails to satisfy the general duty to minimize emissions established by §63.6(e)(1)(i).

Emergency stationary RICE means any stationary reciprocating internal combustion engine that meets all of the criteria in paragraphs (1) through (3) of this definition. All emergency stationary RICE must comply with the requirements specified in §63.6640(f) in order to be considered emergency stationary RICE. If the engine does not comply with the requirements specified in §63.6640(f), then it is not considered to be an emergency stationary RICE under this subpart.

(1) The stationary RICE is operated to provide electrical power or mechanical work during an emergency situation. Examples include stationary RICE used to produce power for critical networks or equipment (including power supplied to portions of a facility) when electric power from the local utility (or the normal power source, if the facility runs on its own power production) is interrupted, or stationary RICE used to pump water in the case of fire or flood, etc.

(2) The stationary RICE is operated under limited circumstances for situations not included in paragraph (1) of this

SECTION E. Source Group Restrictions.

definition, as specified in §63.6640(f).

(3) The stationary RICE operates as part of a financial arrangement with another entity in situations not included in paragraph (1) of this definition only as allowed in §63.6640(f)(2)(ii) or (iii) and §63.6640(f)(4)(i) or (ii).

Engine startup means the time from initial start until applied load and engine and associated equipment reaches steady state or normal operation. For stationary engine with catalytic controls, engine startup means the time from initial start until applied load and engine and associated equipment, including the catalyst, reaches steady state or normal operation.

Subpart means 40 CFR part 63, subpart ZZZZ.

[Source: 69 FR 33506, June 15, 2004, as amended at 71 FR 20467, Apr. 20, 2006; 73 FR 3607, Jan. 18, 2008; 75 FR 9679, Mar. 3, 2010; 75 FR 51592, Aug. 20, 2010; 76 FR 12867, Mar. 9, 2011; 78 FR 6706, Jan. 30, 2013]

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

SECTION F. Alternative Operation Requirements.

No Alternative Operations exist for this Title V facility.

SECTION G. Emission Restriction Summary.

Source Id	Source Description

032 BOILER 2, NORTH AMERICAN

Emission Limit			Pollutant
4.000	Lbs/MMBTU	Over a 1-hour period	SOX
0.400	Lbs/MMBTU		TSP

033 MISC COMBUSTION UNITS

Emission Limit			Pollutant
4.000	Lbs/MMBTU	Over a 1-hour period	SOX

034 BOILER 3, BURNHAM

Emission Limit			Pollutant
4.000	Lbs/MMBTU	Over a 1-hour period	SOX
0.400	Lbs/MMBTU		TSP

101 FLAT SHEET MOLDING

Emission Limit			Pollutant
377.000	Lbs/Tons	For open molding - gel coat. Table 3 to 63-WWWW	Hazardous Air Pollutants
9.220	Lbs/Tons	From 7/13/2018 RACT	VOC
58.995	Tons/Yr	From 7/13/2018 RACT	VOC

102 BMC AND SMC COMPRESSION MOLDING

Emission Limit			Pollutant
377.000	Lbs/Tons	For open molding - gel coat. Table 3 to 63-WWWW	Hazardous Air Pollutants
9.230	Lbs/Tons	From 7/13/2018 RACT	VOC
17.160	Tons/Yr	From 7/13/2018 RACT	VOC

103 SMC MACHINE

Emission Limit			Pollutant
377.000	Lbs/Tons	For open molding - gel coat. Table 3 to 63-WWWW	Hazardous Air Pollutants

105 PULTRUSION MOLDING

Emission Limit			Pollutant
377.000	Lbs/Tons	For open molding - gel coat. Table 3 to 63-WWWW	Hazardous Air Pollutants
8.600	Lbs/Tons	For Pullers 5, 6 From 7/13/2018 RACT	VOC
21.500	Lbs/Tons	For Pullers 3, 5 From 7/13/2018 RACT	VOC
108.510	Tons/Yr	From 7/13/2018 RACT	VOC

106 MIX ROOM

Emission Limit			Pollutant
377.000	Lbs/Tons	For open molding - gel coat. Table 3 to 63-WWWW	Hazardous Air Pollutants
0.040	gr/DRY FT3		TSP
12.310	Lbs/Tons	From 7/13/2018 RACT	VOC
17.190	Tons/Yr	From 7/13/2018 RACT	VOC

SECTION G. Emission Restriction Summary.

Source Id	Source Description
109	30 HP NATURAL GAS FUELED EMERGENCY GENERATOR

Emission Limit			Pollutant
500.000	PPMV	dry basis	SOX
0.040	gr/DRY FT3		TSP

Source Id	Source Description
110	PULTRUSION SAWS

Emission Limit		Pollutant
0.040	gr/DRY FT3	TSP

Site Emission Restriction Summary

Emission Limit	Pollutant

SECTION H. Miscellaneous.

(a) 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.

(b) Source ID: Department assigned ID number for the source
Source Name: Department assigned name for the source
Capacity/Throughput: The maximum capacity or throughput for the source (not a limit)
Fuel/Material: The fuel/material assigned to SCC for the source
Schematics:
FML: Fuel material location
CU: Combustion Unit source
PROC: Process
CNTL: Control device
STAC: Emission point / Stack

(c) The following sources/activities have been determined to be of minor significance with respect to emissions of regulated air pollutants or have no applicable requirements.

(1) Resin Storage Room (a.k.a. Tank Farm which is a closed room containing 2 tanks of styrene and 5 tanks of 2 different thermoset polyester resins; all tanks are vented inside the room. The room is equipped with 3 roof vents.)
(2) Waste resin cure oven, located outdoors, heated by steam from boilers. (A 3/11/2019 RFD is pending for the replacement of this oven with a Precision Quincy EC-810-8S walk-in, steam-heated Class A waste resin cure oven.)
(3) The following equipment used in R&D and in Quality Assurance activities:
• lab ovens to boil molded samples for the purpose of testing mechanical properties of finished products; equipped with fume hoods which exhaust to the outdoors to protect workers from heat and steam of the water baths.
• small electric ovens in the oven room used for R&D which exhaust heat through ductwork to the outside for worker comfort; all product is cured before being placed into the ovens.
• a small electric ceramic kiln in the oven room used to burn off resin at 1600° F for quality assurance purposes to examine fiberglass orientation of molded product or to verify percent weight fiberglass content in product.
(4) The Shear/Saw/Sand activities which were previously identified in the permit as Source 108. Particulate matter is controlled by a 60,000 cfm Imperial Systems CMAXX model CM024 which exhausts back inside the building after passing through fire retardant (FR) filters equipped with safety monitors. Installation of this new collector was completed in June 2019. The 1/18/2019 RFD approval contained conditions; however, upon further review of the RFD during the permit renewal process, the NWRO New Source Review Chief retracted the conditions on July 23, 2019, based upon the fact that the collector exhausts indoors. The room into which it exhausts has no roof nor wall vents. The source consists of the following equipment.
• a Bütfering triple head wide belt sander used to sand fiberglass reinforced plastic sheets to within the desired tolerance for thickness, RFD approved on 8/24/2007;
• a Hendricks panel saw; and
• a Hass CNC table router.

(d) Two parts washers exist at this facility. They are located in the maintenance area and the pultrusion area. The facility uses acetone in these parts washers. Actone is an exempt solvent. If the facility were to switch sovents, these parts washers need to be added to the permit along with requirements from 25 Pa. Code §129.63.

(e) For the purposes of this permit, Source 033 is comprised of the following emission units:
• Ten Natural Gas Space Heaters.
1: north wall employee entrance door (reznor heater 200,000 BTUH)
2: Hot room (reznor heater 75,000 BTUH)
3: Shipping Above office door (reznor heater 150,000 BTUH)
4: Shipping east wall (reznor heater 250,000 BTUH)
5: Outside press room (reznor heater 225,000 BTUH)
6: Lab / QA area (reznor heater 225,000BTUH)
7: Test room QA area (reznor heater 225,000 BTUH)
8: Corona room QA area (reznor heater 200,000 BTUH)
9: Saw room (reznor heater 200,000 BTUH)
10: Mold storage area (reznor heater 200,000 BTUH)
• Five natural gas furnaces that heat the office area.
Furnace (A) heating input 250,000 BTUH

SECTION H. Miscellaneous.

Furnace (B) heating input 250,000 BTUH
Furnace (C) heating input 250,000 BTUH
Furnace (D) heating input 175,000 BTUH
Furnace (E) heating input 200,000 BTUH

(f) For the purposes of this permit, Source 101, Flat Sheet Molding, is comprised of the following flat sheet presses:

(1) 250 Ton Birdsboro, installed 1963
(2) 300 Ton Dake model 27-287, installed 1963
(3) 380 Ton French Oil model 63 x 71.5, installed 1969
(4) 400 Ton Erie Foundry model 1339, installed 1965
(5) 500 Ton HMC, 4' x 5', installed 1988
(6) 500 Ton EEMCO 475 Hyd, installed 1979
(7) 900 Ton Frisch, 4' x 8', installed 1965
(8) 1000 Ton Erie Press, installed 1997
(9) 600 Ton Version, RDF approved on 09/04/2012

(g) For the purposes of this permit, Source 102, BMC/SMC Molding, is comprised of the following compression molding machines:

(1) 100 Ton HMP # 2 model 54-19
(2) 50 Ton Savage # 1 model 919, installed 1972
(3) 50 Ton Savage # 2 model 1035, installed 1974
(4) 50 Ton Savage # 4 model 1072, installed 1974
(5) 50 Ton Savage # 5 model 1972A, installed 1974
(6) 500 Ton Birdsboro model 2605
(7) 500 Ton Erie Foundry model 1340
(8) 600 Ton William & White model C4062
(9) 75 Ton Savage # 3 model 1035, installed 1974
(10) 120 Ton Erie Foundry #1, RFD approved on 09/04/2012
(11) 120 Ton Erie Foundry #2, RFD approved on 09/04/2012

Three machines have been removed from service: a 100 ton HPM model 54-20; a 150 ton Stokes model 741-15 installed in 1987; and a 185 ton Stokes model 735-17 installed in 1987.

(h) Source 103, SMC machine, is a Finn & Fram sheet molding compound machine.

(i) Source 104, Injection Molding, was removed from the permit since all injection molding equipment was removed from the facility in 2007.

(j) For the purposes of this permit, Source 105, Pultrusion, is comprised of the 5 following pultrusion machines:

(1) Puller #3, Dynapul 3010 profile puller, installed 1999
(2) Puller #4, Dynapul 3010 profile puller, RFD approved 7/26/2001; installed 2002
(3) Puller #5, Deutsrh System sheet puller, RFD approved 1/25/2006; installed 2008
(4) Puller #6, Durapul 5004 sheet puller, installed 2011.
(5) Puller #7, Kent Pultrusion profile puller, approved Feb. 1, 2019, RFD # 7466; to be installed July 2019.

[Note: Puller #1, Gatto Machine Co. model PP-208-12P, installed in 1974 and removed from service in 2019 when it was replaced by Puller #7. Puller #2, a Gatto Machine Co. model PP-207-12P was removed from service prior to the 2013 TV operating permit renewal. This information is relevant for purposes of preserving history of the date of construction of the affected source which is pertinent to 40 CFR §§ 63.2 & 63.5795 pertaining to New or Existing Affected Sources.]

(k) Source 106, the mix room activities, includes the following equipment.
(1) Three BMC mixers which are vented to C106;
(2) Two 700 gallon mixing vessels vented to C106, installation RFD approved on 12/14/2007;
(3) Drums of 55 gallon size used for manual mixing; and
(4) Six dissolvers.

(l) In accordance with the Applicability Determination made by the United States Environmental Protection Agency dated March 20,

SECTION H. Miscellaneous.

2001, the Pultrusion presses (Source No. 105) at this facility are exempt from the New Source Performance Standard requirements found at 40 CFR Part 60, Subpart VVV, Standards of Performance for Polymeric Coating of Supporting Substrates. [also reference 68 FR 40662] The permit shield is in effect for this determination.

(m) This permit was reissued on November 13, 2007.

(n) The following regulations are incorporated into the permit by reference to the regulation.

- 40 CFR Part 63 Subpart WWWW Table 1, Equations to Calculate Organic HAP Emission Factors;
- 40 CFR §63.5810, Subpart WWWW Options for Meeting Standards for Open Molding (for Haysite's manual gel coat application which is considered Open Molding under Subpart WWWW).
- 40 CFR Part 63 Subpart WWWW Table 15, General Subpart A Provisions applicable to Subpart WWWW
- 40 CFR §63.5935 Definitions used in Subpart WWWW
- 40 CFR §63.2 Definitions used in Part 63

(o) This permit renewal effective October 1, 2013, is issued on October 1, 2013.

(p) This permit was administratively amended on July 24, 2014 to incorporate the change of ownership from Haysite Reinforced Plastics to Haysite Reinforced Plastics, LLC. The new tax ID is 46-5418949-1.

(q) This Title V operating permit renewal, effective July 24, 2019, is issued on July 24, 2019. This renewal issuance includes the following:

- a Request for Administrative Amendment to change the Responsible Official; and
- a significant modification to incorporate Haysite's case-by-case alternative RACT II requirements which will be included in the Commonwealth of Pennsylvania SIP.

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