Ohio Environmental Protection Agency

Ted Strickland, Governor
Lee Fisher, Lt. Governor
Chris Korleski, Director

11/5/2010

Certified Mail

Facility ID: 1667020035
Permit Number: P0105964
County: Portage

Mr. Robert Spaans
Custom Pultrusions Inc
1331 South Chillicothe Rd.
Aurora, OH 44202

RE: PRELIMINARY PROPOSED AIR POLLUTION TITLE V
Permit Type: Renewal

Dear Permit Holder:

Enclosed is the Ohio EPA Preliminary Proposed Title V permit that was issued in draft form on 9/29/2010. The comment period for the Draft permit has ended. We are now ready to submit this permit to U.S. EPA for approval.

We are submitting this for your review and comment. If you do not agree with the Preliminary Proposed Title V permit as written, you now have the opportunity to raise your concerns. This permit can be accessed electronically on the Division of Air Pollution Control (DAPC) Web page, www.epa.ohio.gov/dapc by clicking the "Issued Air Pollution Control Permits" link. Comments will be accepted as a marked-up copy of the permit or in narrative format. Any comments must be sent to the following within 14 days of your receipt of this letter:

Andrew Hall
Permit Review/Development Section
Ohio EPA, DAPC
122 South Front Street
Columbus, Ohio 43215

and

Akron Regional Air Quality Management District
146 South High Street, Room 904
Akron, OH 44308

If you believe that it is necessary to have an informal conference with us, then, as part of your written comments, you should request a conference concerning the written comments.

If comments are not submitted within 14 days of your receipt of this letter, we will forward the proposed permit to U.S. EPA for approval. All comments received will be carefully considered before proceeding with the proposed permit.

Sincerely,

Michael W. Ahern

Michael W. Ahern, Manager
Permit Issuance and Data Management Section, DAPC

Cc: Akron Regional Air Quality Management District

Response to Comments

Response to comments for: Title V Permit

Facility ID:	1667020035
Facility Name:	Custom Pultrusions Inc
Facility Description:	Fiberglass Manufacturing Site
Facility Address:	1333 S. Chillicothe Rd. n/a Aurora, OH 44202-9220 Portage County
Permit #:	P0105964, Renewal
A public notice for the draft permit issuance was published in the Ohio EPA Weekly Review and appeared in the The Record Courier on 10/02/2010. The comment period ended on 11/01/2010.	
Hearing date (if held)	
Hearing Public Notice Date (if different from draft public notice)	

The following comments were received during the comment period specified. Ohio EPA reviewed and considered all comments received during the public comment period. By law, Ohio EPA has authority to consider specific issues related to protection of the environment and public health. Often, public concerns fall outside the scope of that authority. For example, concerns about zoning issues are addressed at the local level. Ohio EPA may respond to those concerns in this document by identifying another government agency with more direct authority over the issue.

In an effort to help you review this document, the questions are grouped by topic and organized in a consistent format. PDF copies of the original comments in the format submitted are available upon request.

a. No comments received.

Ohio | Environmental Protection Agency

PRELIMINARY PROPOSED

Division of Air Pollution Control
Title V Permit
for
Custom Pultrusions Inc

Facility ID:	1667020035
Permit Number:	P0105964
Permit Type:	Renewal
Issued:	11/5/2010
Effective:	To be entered upon final issuance
Expiration:	To be entered upon final issuance

Ohio Environmental Protection Agency

Division of Air Pollution Control
Title V Permit
for
Custom Pultrusions Inc

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Authorization

Facility ID: 1667020035
Facility Description: Fiberglass Manufacturing Site
Application Number(s): A0038845, A0039121
Permit Number: P0105964
Permit Description: Title V renewal
Permit Type: Renewal
Issue Date: 11/5/2010
Effective Date: To be entered upon final issuance
Expiration Date: To be entered upon final issuance
Superseded Permit Number: P0102001

This document constitutes issuance of an OAC Chapter 3745-77 Title V permit to:

Custom Pultrusions Inc
1333 S. Chillicothe Rd.
n/a
Aurora, OH 44202-9220

Ohio EPA District Office or local air agency responsible for processing and administering your permit:

Akron Regional Air Quality Management District
146 South High Street, Room 904
Akron, OH 44308
(330)375-2480

The above named entity is hereby granted a Title V permit pursuant to Chapter 3745-77 of the Ohio Administrative Code. This permit and the authorization to operate the air contaminant sources (emissions units) at this facility shall expire at midnight on the expiration date shown above. You will be sent a notice approximately 18 months prior to the expiration date regarding the renewal of this permit. If you do not receive a notice, please contact the Akron Regional Air Quality Management District. If a renewal permit is not issued prior to the expiration date, the permittee may continue to operate pursuant to OAC rule 3745-77-08(E) and in accordance with the terms of this permit beyond the expiration date, if a timely renewal application is submitted. A renewal application will be considered timely if it is submitted no earlier than 18 months (540 days) and no later than 6 months (180 days) prior to the expiration date.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Chris Korleski
Director

A. Standard Terms and Conditions

1. Federally Enforceable Standard Terms and Conditions

a) All Standard Terms and Conditions are federally enforceable, with the exception of those listed below which are enforceable under State law only:

(1) Standard Term and Condition A. 24., Reporting Requirements Related to Monitoring and Record Keeping Requirements of State-Only Enforceable Permit Terms and Conditions

(2) Standard Term and Condition A. 25., Records Retention Requirements for State-Only Enforceable Permit Terms and Conditions

(3) Standard Term and Condition A. 27., Scheduled Maintenance/Malfunction Reporting

(4) Standard Term and Condition A. 29., Additional Reporting Requirements When There Are No Deviations of Federally Enforceable Emission Limitations, Operational Restrictions, or Control Device Operating Parameter Limitations

(Authority for term: ORC 3704.036(A))

2. Monitoring and Related Record Keeping and Reporting Requirements

a) Except as may otherwise be provided in the terms and conditions for a specific emissions unit (i.e., in section C. Emissions Unit Terms and Conditions of this Title V permit), the permittee shall maintain records that include the following, where applicable, for any required monitoring under this permit:

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

(2) The date(s) analyses were performed.

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

(4) The analytical techniques or methods used.

(5) The results of such analyses.

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

(Authority for term: OAC rule 3745-77-07(A)(3)(b)(i))

b) Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. Such records may be maintained in computerized form.

(Authority for term: OAC rule 3745-77-07(A)(3)(b)(ii))

c) The permittee shall submit required reports in the following manner:

(1) All reporting required in accordance with OAC rule 3745-77-07(A)(3)(c) for deviations caused by malfunctions shall be submitted in the following manner:

Any malfunction, as defined in OAC rule 3745-15-06(B)(1), shall be promptly reported to the Ohio EPA in accordance with OAC rule 3745-15-06. In addition, to fulfill the OAC rule 3745-77-07(A)(3)(c) deviation reporting requirements for malfunctions, written reports that identify each malfunction that occurred during each calendar quarter (including each malfunction reported only verbally in accordance with OAC rule 3745-15-06) shall be submitted (i.e., postmarked) by January 31, April 30, July 31, and October 31 of each year in accordance with Standard Term and Condition A.2.c)(2) below; and each report shall cover the previous calendar quarter. An exceedance of the visible emission limitations specified in OAC rule 3745-17-07(A)(1) that is caused by a malfunction is not a violation and does not need to be reported as a deviation if the owner or operator of the affected air contaminant source or air pollution control equipment complies with the requirements of OAC rule 3745-17-07(A)(3)(c).

In accordance with OAC rule 3745-15-06, a malfunction reportable under OAC rule 3745-15-06(B) is a deviation of the federally enforceable permit requirements. Even though verbal notifications and written reports are required for malfunctions pursuant to OAC rule 3745-15-06, the written reports required pursuant to this term must be submitted quarterly to satisfy the prompt reporting provision of OAC rule 3745-77-07(A)(3)(c).

In identifying each deviation caused by a malfunction, the permittee shall specify the emission limitation(s) (or control requirement(s)) for which the deviation occurred, describe each deviation, and provide the magnitude and duration of each deviation. For a specific malfunction, if this information has been provided in a written report that was submitted in accordance with OAC rule 3745-15-06, the permittee may simply reference that written report to identify the deviation. Nevertheless, all malfunctions, including those reported only verbally in accordance with OAC rule 3745-15-06, must be reported in writing on a quarterly basis.

Any scheduled maintenance, as referenced in OAC rule 3745-15-06(A)(1), that results in a deviation from a federally enforceable emission limitation (or control requirement) shall be reported in the same manner as described above for malfunctions.

(Authority for term: OAC rule 3745-77-07(A)(3)(c))

(2) Except as may otherwise be provided in the terms and conditions for a specific emissions unit (i.e., in section C. Emissions Unit Terms and Conditions of this Title V permit or, in some cases, in section B. Facility-Wide Terms and Conditions of this Title V permit), all reporting required in accordance with OAC rule 3745-77-07(A)(3)(c) for deviations of the emission limitations, operational restrictions, and control device operating parameter limitations shall be submitted in the following manner:

Written reports of (a) any deviations from federally enforceable emission limitations, operational restrictions, and control device operating parameter limitations, (b) the probable cause of such deviations, and (c) any corrective actions or preventive measures taken, shall be promptly made to the appropriate Ohio EPA District Office or local air agency. Except as provided below, the written reports shall be submitted (i.e., postmarked) by January 31, April 30, July 31, and October 31 of each year; and each report shall cover the previous calendar quarter.

In identifying each deviation, the permittee shall specify the emission limitation(s), operational restriction(s), and/or control device operating parameter limitation(s) for which the deviation occurred, describe each deviation, and provide the estimated magnitude and duration of each deviation.

These written deviation reports shall satisfy the requirements of OAC rule 3745-77-07(A)(3)(c) pertaining to the submission of monitoring reports every six months and to the prompt reporting of all deviations. Full compliance with OAC rule 3745-77-07(A)(3)(c) requires reporting of all other deviations of the federally enforceable requirements specified in the permit as required by such rule.
If an emissions unit has a deviation reporting requirement for a specific emission limitation, operational restriction, or control device operating parameter limitation that is not on a quarterly basis (e.g., within 30 days following the end of the calendar month, or within 30 or 45 days after the exceedance occurs), that deviation reporting requirement satisfies the reporting requirements specified in this Standard Term and Condition for that specific emission limitation, operational restriction, or control device parameter limitation. Following the provisions of that non-quarterly deviation reporting requirement will also satisfy (for the deviations so reported) the requirements of OAC rule 3745-77-07(A)(3)(c) pertaining to the submission of monitoring reports every six months and to the prompt reporting of all deviations, and additional quarterly deviation reports for that specific emission limitation, operational restriction, or control device parameter limitation are not required pursuant to this Standard Term and Condition.
See A.29 below if no deviations occurred during the quarter.
(Authority for term: OAC rule 3745-77-07(A)(3)(c))

(3) All reporting required in accordance with the OAC rule 3745-77-07(A)(3)(c) for other deviations of the federally enforceable permit requirements which are not reported in accordance with Standard Term and Condition A.2)c)(2) above shall be submitted in the following manner:

Unless otherwise specified by rule, written reports that identify deviations of the following federally enforceable requirements contained in this permit; Standard Terms and Conditions: A.3, A.4, A.5, A.7.e), A.8, A.13, A.15, A.19, A.20, A.21, and A.23 of this Title V permit, as well as any deviations from the requirements in section C. Emissions Unit Terms and Conditions of this Title V permit, and any monitoring, record keeping, and reporting requirements, which are not reported in accordance with Standard Term and Condition A.2.c)(2) above shall be submitted (i.e., postmarked) to the appropriate Ohio EPA District Office or local air agency by January 31 and July 31 of each year; and each report shall cover the previous six calendar months. Unless otherwise specified by rule, all other deviations from federally enforceable requirements identified in this permit shall be submitted annually as part of the annual compliance certification, including deviations of federally enforceable requirements not specifically addressed by permit or rule for the insignificant activities or emissions levels (IEU) identified in section B. Facility-Wide Terms and Conditions of this Title V permit. Annual reporting of deviations is deemed adequate to meet the deviation reporting requirements for IEUs unless otherwise specified by permit or rule.
In identifying each deviation, the permittee shall specify the federally enforceable requirement for which the deviation occurred, describe each deviation, and provide the magnitude and duration of each deviation.
These semi-annual and annual written reports shall satisfy the reporting requirements of OAC rule 3745-77-07(A)(3)(c) for any deviations from the federally enforceable requirements contained in this permit that are not reported in accordance with Standard Term and Condition A.2.c)(2) above.
If no such deviations occurred during a six-month period, the permittee shall submit a semi-annual report which states that no such deviations occurred during that period.

(Authority for term: OAC rules 3745-77-07(A)(3)(c)(i) and (ii) and OAC rule 3745-77-07(A)(13)(b))

(4) Each written report shall be signed by a responsible official certifying that, "based on information and belief formed after reasonable inquiry, the statements and information in the report (including any written malfunction reports required by OAC rule 3745-15-06 that are referenced in the deviation reports) are true, accurate, and complete."

(Authority for term: OAC rule 3745-77-07(A)(3)(c)(iv))

(5) Reports of any required monitoring and/or record keeping information shall be submitted to Akron Regional Air Quality Management District.

(Authority for term: OAC rule 3745-77-07(A)(3)(c))

3. Scheduled Maintenance

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. Except as provided in OAC rule 3745-15-06(A)(3), any scheduled maintenance necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of the emissions unit(s) that is (are) served by such control system(s). Any scheduled maintenance, as defined in OAC rule 3745-15-06(A)(1), that results in a deviation from a federally enforceable emission limitation (or control requirement) shall be reported in the same manner as described for malfunctions in Standard Term and Condition A.2.c)(1) above.
(Authority for term: OAC rule 3745-77-07(A)(3)(c))

4. Risk Management Plans

If applicable, the permittee shall develop and register a risk management plan pursuant to section 112(r) of the Clean Air Act, as amended, 42 U.S.C. § 7401 et seq. ("Act"); and, pursuant to 40 C.F.R. 68.215(a), the permittee shall submit either of the following:

a) a compliance plan for meeting the requirements of 40 C.F.R. Part 68 by the date specified in 40 C.F.R. 68.10(a) and OAC 3745-104-05(A); or

b) as part of the compliance certification submitted under 40 C.F.R. 70.6(c)(5), a certification statement that the source is in compliance with all requirements of 40 C.F.R. Part 68 and OAC Chapter 3745-104, including the registration and submission of the risk management plan.

(Authority for term: OAC rule 3745-77-07(A)(4))

5. Title IV Provisions

If the permittee is subject to the requirements of 40 CFR Part 72 concerning acid rain, the permittee shall ensure that any affected emissions unit complies with those requirements. Emissions exceeding any allowances that are lawfully held under Title IV of the Act, or any regulations adopted thereunder, are prohibited.
(Authority for term: OAC rule 3745-77-07(A)(5))

6. Severability Clause

A determination that any term or condition of this permit is invalid shall not invalidate the force or effect of any other term or condition thereof, except to the extent that any other term or condition depends in whole or in part for its operation or implementation upon the term or condition declared invalid.
(Authority for term: OAC rule 3745-77-07(A)(6))

7. General Requirements

a) The permittee must comply with all terms and conditions of this permit. Any noncompliance with the federally enforceable terms and conditions of this permit constitutes a violation of the Act, and is grounds for enforcement action or for permit revocation, revocation and reissuance, or modification, or for denial of a permit renewal application.

b) It shall not be a defense for the 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 federally enforceable terms and conditions of this permit.

c) This permit may be modified, reopened, revoked, or revoked and reissued, for cause, in accordance with Standard Term and Condition A.11 below. The filing of a request by the permittee for a permit modification, revocation and reissuance, or revocation, or of a notification of planned changes or anticipated noncompliance does not stay any term and condition of this permit.

d) This permit does not convey any property rights of any sort, or any exclusive privilege.

e) The permittee shall furnish to the Director of the Ohio EPA, or an authorized representative of the Director, upon receipt of a written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying, reopening or revoking this permit or to determine compliance with this permit. Upon request, the permittee shall also furnish to the Director or an authorized representative of the Director, copies of records required to be kept by this permit. For information claimed to be confidential in the submittal to the Director, if the Administrator of the U.S. EPA requests such information, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality.

f) Except as otherwise indicated below, this Title V permit, or permit modification, is effective for five years from the original effective date specified in the permit. In the event that this facility becomes eligible for non-title V permits, this permit shall cease to be enforceable when:

(1) the permittee submits an approved facility-wide potential to emit analysis supporting a claim that the facility no longer meets the definition of a "major source" as defined in OAC rule 3745-77-01(W) based on the permanent shutdown and removal of one or more emissions units identified in this permit; or

(2) the permittee no longer meets the definition of a "major source" as defined in OAC rule 3745-77-01(W) based on obtaining restrictions on the facility-wide potential(s) to emit that are federally enforceable or legally and practically enforceable ; or

(3) a combination of (1) and (2) above.

The permittee shall continue to comply with all applicable OAC Chapter 3745-31 requirements for all regulated air contaminent sources once this permit ceases to be enforceable. The permittee shall comply with any residual requirements, such as quarterly deviation reports, semi-annual deviation reports, and annual compliance certifications covering the period during which this Title V permit was enforceable. All records relating to this permit must be maintained in accordance with law.
(Authority for term: OAC rule 3745-77-01(W), OAC rule 3745-77-07(A)(3)(b)(ii), OAC rule 3745-77(A)(7))

8. Fees

The permittee shall pay fees to the Director of the Ohio EPA in accordance with ORC section 3745.11 and OAC Chapter 3745-78.
(Authority for term: OAC rule 3745-77-07(A)(8))

9. Marketable Permit Programs

No revision of this permit is required under any approved economic incentive, marketable permits, emissions trading, and other similar programs or processes for changes that are provided for in this permit.
(Authority for term: OAC rule 3745-77-07(A)(9))

10. Reasonably Anticipated Operating Scenarios

The permittee is hereby authorized to make changes among operating scenarios authorized in this permit without notice to the Ohio EPA, but, contemporaneous with making a change from one operating scenario to another, the permittee must record in a log at the permitted facility the scenario under which the permittee is operating. The permit shield provided in these standard terms and conditions shall apply to all operating scenarios authorized in this permit.
(Authority for term: OAC rule 3745-77-07(A)(10))

11. Reopening for Cause

This Title V permit will be reopened prior to its expiration date under the following conditions:

a) Additional applicable requirements under the Act become applicable to one or more emissions units covered by this permit, and this permit has a remaining term of three or more years. Such a reopening shall be completed not later than eighteen (18) months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions has been extended pursuant to paragraph (E)(1) of OAC rule 3745-77-08.

b) This permit is issued to an affected source under the acid rain program and additional requirements (including excess emissions requirements) become applicable. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into the permit, and shall not require a reopening of this permit.

c) The Director of the Ohio EPA or the Administrator of the U.S. EPA determines that the federally applicable requirements in this permit are based on a material mistake, or that inaccurate statements were made in establishing the emissions standards or other terms and conditions of this permit related to such federally applicable requirements.

d) The Administrator of the U.S. EPA or the Director of the Ohio EPA determines that this permit must be revised or revoked to assure compliance with the applicable requirements.

(Authority for term: OAC rules 3745-77-07(A)(12) and 3745-77-08(D))

12. Federal and State Enforceability

Only those terms and conditions designated in this permit as federally enforceable, that are required under the Act, or any of its applicable requirements, including relevant provisions designed to limit the potential to emit of a source, are enforceable by the Administrator of the U.S. EPA, the State, and citizens under the Act. All other terms and conditions of this permit shall not be federally enforceable and shall be enforceable under State law only.
(Authority for term: OAC rule 3745-77-07(B))

13. Compliance Requirements

a) Any document (including reports) required to be submitted and required by a federally applicable requirement in this Title V permit shall include a certification by a responsible official that, based on information and belief formed after reasonable inquiry, the statements in the document are true, accurate, and complete.

b) Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the Director of the Ohio EPA or an authorized representative of the Director to:

(1) At reasonable times, enter upon the permittee's premises where a source is located or the emissions-related activity is conducted, or where records must be kept under the conditions of this permit.

(2) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit, subject to the protection from disclosure to the public of confidential information consistent with paragraph (E) of OAC rule 3745-77-03.

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

(4) As authorized by the Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit and applicable requirements.

c) The permittee shall submit progress reports to the appropriate Ohio EPA District Office or local air agency concerning any schedule of compliance for meeting an applicable requirement. Progress reports shall be submitted semiannually or more frequently if specified in the applicable requirement or by the Director of the Ohio EPA. Progress reports shall contain the following:

(1) Dates for achieving the activities, milestones, or compliance required in any schedule of compliance, and dates when such activities, milestones, or compliance were achieved.

(2) An explanation of why any dates in any schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.

d) Compliance certifications concerning the terms and conditions contained in this permit that are federally enforceable emission limitations, standards, or work practices, shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) and the Administrator of the U.S. EPA in the following manner and with the following content:

(1) Compliance certifications shall be submitted annually on a calendar year basis. The annual certification shall be submitted (i.e., postmarked) on or before April 30th of each year during the permit term.

(2) Compliance certifications shall include the following:

a. An identification of each term or condition of this permit that is the basis of the certification.

b. The permittee's current compliance status.

c. Whether compliance was continuous or intermittent.

d. The method(s) used for determining the compliance status of the source currently and over the required reporting period.

e. Such other facts as the Director of the Ohio EPA may require in the permit to determine the compliance status of the source.

(3) Compliance certifications shall contain such additional requirements as may be specified pursuant to sections 114(a)(3) and 504(b) of the Act.

(Authority for term: OAC rules 3745-77-07(C)(1),(2),(4) and (5) and ORC section 3704.03(L))

14. Permit Shield

a) Compliance with the terms and conditions of this permit (including terms and conditions established for alternate operating scenarios, emissions trading, and emissions averaging, but excluding terms and conditions for which the permit shield is expressly prohibited under OAC rule 3745-77-07) shall be deemed compliance with the applicable requirements identified and addressed in this permit as of the date of permit issuance.

b) This permit shield provision shall apply to any requirement identified in this permit pursuant to OAC rule 3745-77-07(F)(2), as a requirement that does not apply to the source or to one or more emissions units within the source.

(Authority for term: OAC rule 3745-77-07(F))

15. Operational Flexibility

The permittee is authorized to make the changes identified in OAC rule 3745-77-07(H)(1)(a) to (H)(1)(c) within the permitted stationary source without obtaining a permit revision, if such change is not a modification under any provision of Title I of the Act [as defined in OAC rule 3745-77-01(JJ)], and does not result in an exceedance of the emissions allowed under this permit (whether expressed therein as a rate of emissions or in terms of total emissions), and the permittee provides the Administrator of the U.S. EPA and the appropriate Ohio EPA District Office or local air agency with written notification within a minimum of seven days in advance of the proposed changes, unless the change is associated with,

or in response to, emergency conditions. If less than seven days notice is provided because of a need to respond more quickly to such emergency conditions, the permittee shall provide notice to the Administrator of the U.S. EPA and the appropriate District Office of the Ohio EPA or local air agency as soon as possible after learning of the need to make the change. The notification shall contain the items required under OAC rule 3745-77-07(H)(2)(d).
(Authority for term: OAC rules 3745-77-07(H)(1) and (2))

16. Emergencies

The permittee shall have an affirmative defense of emergency to an action brought for noncompliance with technology-based emission limitations if the conditions of OAC rule 3745-77-07(G)(3) are met. This emergency defense provision is in addition to any emergency or upset provision contained in any applicable requirement.
(Authority for term: OAC rule 3745-77-07(G))

17. Off-Permit Changes

The owner or operator of a Title V source may make any change in its operations or emissions at the source that is not specifically addressed or prohibited in the Title V permit, without obtaining an amendment or modification of the permit, provided that the following conditions are met:

a) The change does not result in conditions that violate any applicable requirements or that violate any existing federally enforceable permit term or condition.

b) The permittee provides contemporaneous written notice of the change to the Director and the Administrator of the U.S. EPA, except that no such notice shall be required for changes that qualify as insignificant emissions levels or activities as defined in OAC rule 3745-77-01(U). Such written notice shall describe each such change, the date of such change, any change in emissions or pollutants emitted, and any federally applicable requirement that would apply as a result of the change.

c) The change shall not qualify for the permit shield under OAC rule 3745-77-07(F).

d) The permittee shall keep a record describing all changes made at the source that result in emissions of a regulated air pollutant subject to an applicable requirement, but not otherwise regulated under the permit, and the emissions resulting from those changes.

e) The change is not subject to any applicable requirement under Title IV of the Act or is not a modification under any provision of Title I of the Act.

Paragraph (I) of rule 3745-77-07 of the Administrative Code applies only to modification or amendment of the permittee's Title V permit. The change made may require a permit-to-install under Chapter 3745-31 of the Administrative Code if the change constitutes a modification as defined in that Chapter. Nothing in paragraph (I) of rule 3745-77-07 of the Administrative Code shall affect any applicable obligation under Chapter 3745-31 of the Administrative Code.
(Authority for term: OAC rule 3745-77-07(I))

18. Compliance Method Requirements

Nothing in this permit shall alter or affect the ability of any person to establish compliance with, or a violation of, any applicable requirement through the use of credible evidence to the extent authorized by

law. Nothing in this permit shall be construed to waive any defenses otherwise available to the permittee, including but not limited to, any challenge to the Credible Evidence Rule (see 62 Fed. Reg. 8314, Feb. 24, 1997), in the context of any future proceeding.
(This term is provided for informational purposes only.)

19. Insignificant Activities or Emissions Levels

Each IEU that has one or more applicable requirements shall comply with those applicable requirements.
(Authority for term: OAC rule 3745-77-07(A)(1))

20. Permit to Install Requirement

Prior to the "installation" or "modification" of any "air contaminant source," as those terms are defined in OAC rule 3745-31-01, a permit to install must be obtained from the Ohio EPA pursuant to OAC Chapter 3745-31.
(Authority for term: OAC rule 3745-77-07(A)(1))

21. Air Pollution Nuisance

The air contaminants emitted by the emissions units covered by this permit shall not cause a public nuisance, in violation of OAC rule 3745-15-07.
(Authority for term: OAC rule 3745-77-07(A)(1))

22. Permanent Shutdown of an Emissions Unit

The permittee may notify Ohio EPA of any emissions unit that is permanently shut down by submitting a certification from the responsible official that identifies the date on which the emissions unit was permanently shut down. Authorization to operate the affected emissions unit shall cease upon the date certified by the responsible official that the emissions unit was permanently shut down.
After the date on which an emissions unit is permanently shut down (i.e., that has been physically removed from service or has been altered in such a way that it can no longer operate without a subsequent "modification" or "installation" as defined in OAC Chapter 3745-31 and therefore ceases to meet the definition of an "emissions unit" as defined in OAC rule 3745-77-01(O)), rendering existing permit terms and conditions irrelevant, the permittee shall not be required, after the date of the certification and submission to Ohio EPA, to meet any Title V permit requirements applicable to that emissions unit, except for any residual requirements, such as the quarterly deviation reports, semi-annual deviation reports and annual compliance certification covering the period during which the emissions unit last operated. All records relating to the shutdown emissions unit, generated while the emissions unit was in operation, must be maintained in accordance with law.
No emissions unit certified by the responsible official as being permanently shut down may resume operation without first applying for and obtaining a permit to install pursuant to OAC Chapter 3745-31.
(Authority for term: OAC rule 3745-77-01)

23. Title VI Provisions

If applicable, the permittee shall comply with the standards for recycling and reducing emissions of ozone depleting substances pursuant to 40 CFR Part 82, Subpart F, except as provided for motor vehicle air conditioners in Subpart B of 40 CFR Part 82:

a) Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices specified in 40 CFR 82.156.

b) Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment specified in 40 CFR 82.158.

c) Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161.

(Authority for term: OAC rule 3745-77-01(H)(11))

24. Reporting Requirements Related to Monitoring and Record Keeping Requirements Under State Law Only

The permittee shall submit required reports in the following manner:

a) Reports of any required monitoring and/or record keeping information shall be submitted to the appropriate Ohio EPA District Office or local air agency.

b) Except as otherwise may be provided in the terms and conditions for a specific emissions unit, quarterly written reports of (i) any deviations (excursions) from emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring, and record keeping requirements specified in this permit, (ii) the probable cause of such deviations, and (iii) any corrective actions or preventive measures which have been or will be taken, shall be submitted to the appropriate Ohio EPA District Office or local air agency. In identifying each deviation, the permittee shall specify the applicable requirement for which the deviation occurred, describe each deviation, and provide the magnitude and duration of each deviation. If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted (i.e., postmarked) quarterly, by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. (These quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.)

25. Records Retention Requirements Under State Law Only

Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include, but not be limited to, all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. Such records may be maintained in computerized form.

26. Inspections and Information Requests

The Director of the Ohio EPA, or an authorized representative of the Director, may, subject to the safety requirements of the permittee and without undue delay, enter upon the premises of this source at any reasonable time for purposes of making inspections, conducting tests, examining records or reports pertaining to any emission of air contaminants, and determining compliance with any applicable State air pollution laws and regulations and the terms and conditions of this permit. The permittee shall furnish to the Director of the Ohio EPA, or an authorized representative of the Director, upon receipt of a written request and within a reasonable time, any information that may be requested to determine

whether cause exists for modifying, reopening or revoking this permit or to determine compliance with this permit. Upon verbal or written request, the permittee shall also furnish to the Director of the Ohio EPA, or an authorized representative of the Director, copies of records required to be kept by this permit.
(Authority for term: OAC rule 3745-77-07(C))

27. Scheduled Maintenance/Malfunction Reporting

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. The malfunction of any emissions units or any associated air pollution control system(s) shall be reported to the appropriate Ohio EPA District Office or local air agency in accordance with paragraph (B) of OAC rule 3745-15-06. Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of the emissions unit(s) that is (are) served by such control system(s).

28. Permit Transfers

Any transferee of this permit shall assume the responsibilities of the prior permit holder. The appropriate Ohio EPA District Office or local air agency must be notified in writing of any transfer of this permit.
(Authority for term: OAC rule 3745-77-01(C))

29. Additional Reporting Requirements When There Are No Deviations of Federally Enforceable Emission Limitations, Operational Restrictions, or Control Device Operating Parameter Limitations

If no emission limitation (or control requirement), operational restriction and/or control device parameter limitation deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted (i.e., postmarked) by January 31, April 30, July 31, and October 31 of each year; and each report shall cover the previous calendar quarter.
The permittee is not required to submit a quarterly report which states that no deviations occurred during that quarter for the following situations:

a) where an emissions unit has deviation reporting requirements for a specific emission limitation, operational restriction, or control device parameter limitation that override the deviation reporting requirements specified in Standard Term and Condition A.2.c)(2); or

b) where an uncontrolled emissions unit has no monitoring, record keeping, or reporting requirements and the emissions unit's applicable emission limitations are established at the potentials to emit; or

c) where the company's responsible official has certified that an emissions unit has been permanently shut down.

B. Facility-Wide Terms and Conditions

1. All the following facility-wide terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only:

   a) 3.

2. The following insignificant emissions units are located at this facility:

   B001 - 4.5 million Btu/hour natural gas fired heater - Hastings Plt Htr

   P002 - General Laboratory; Quality Assurance & Research & Development – Laboratory

   T003 - 302 gallon capacity mix room polystyrene storage tank (PTI# 16-980)

   T004 - 3,500 gallon resin/styrene storage tank - Tank 1 (previously designated as T001, PTI# 16-980)

   T005 - 3,500 gallon resin/styrene storage tank - Tank 2 (previously designated as T001, PTI# 16-980)

   T006 - 5,000 gallon resin/styrene storage tank - Tank 3 (previously designated as T001, PTI# 16-980)

   T007 - 5,000 gallon resin/styrene storage tank - Tank 4 (previously designated as T001, PTI# 16-980)

   Each insignificant emissions unit at this facility must comply with all applicable State and federal regulations, as well as any emission limitations and/or control requirements contained within the identified permit to install for the emissions unit. Insignificant emissions units listed above that are not subject to specific permit to install requirements are subject to one or more applicable requirements contained in the federally - approved versions of OAC Chapters 3745-17, 3745-18, and/or 3745-21.

   [Authority for term: OAC rule 3745-77-07(A)(13)]

3. The following insignificant emissions units located at this facility are exempt from permit requirements because they are not subject to any applicable requirements (as defined in OAC rule 3745-77-01(H)) or because they meet the "de minimis" criteria established in OAC rule 3745-15-05:

   L004 - Tooling Cold Cleaner with S-3680 solvent - New Tooling Cold Cleaner

4. The emissions of volatile organic compounds (VOC) from emissions units P901, P902, P903, P904, P905, P907, P908, P909, P910, P911, P912, P913, P914, P915, P919, P922, P923, P924, P925, P926, P929, P930, P931, T003, T004, T005, T006, and T007, combined, shall not exceed 81.0 tons per year, based upon a rolling, 12-month summation of the monthly emissions.

   [Authority for term: OAC rule 3745-31-05(D) and OAC rule 3745-77-07(A)(1)]

5. The emissions of organic compounds (OC) and styrene from emissions units P901, P902, P903, P904, P905, P907, P908, P909, P910, P911, P912, P913, P914, P915, P919, P922, P923, P924, P925, P926, P929, P930, P931, T003, T004, T005, T006, and T007, combined, shall not exceed 127.0 tons per year and 43.0 tons per year, respectively, based upon the rolling, 12-month summations of the monthly emission rates.

   [Authority for term: OAC rule 3745-31-05(D) and OAC rule 3745-77-07(A)(1)]

6. In order to determine compliance with the VOC, OC and styrene emission limitations, the permittee shall maintain monthly records of the following information for emissions units P901, P902, P903, P904,

P905, P907, P908, P909, P910, P911, P912, P913, P914, P915, P919, P922, P923, P924, P925, P926, P929, P930, P931, T003, T004, T005, T006, and T007, combined:

a) The permittee shall record the following information on a monthly basis for emissions units P901, P902, P903, P904, P905, P907, P908, P909, P910, P911, P912, P913, P914, P915, P922, P923, P924, P925, and P926, combined:

(1) identification and quantity (pounds) of each resin received for processing;

(2) styrene content (% by weight) of each resin;

(3) VOC emissions from each resin, in pounds (i.e., (% styrene/100) x (resin weight) x (0.04*) x (1-CE/100**));

(4) OC emissions from each resin, in pounds (i.e., (% styrene/100) x (resin weight) x (0.04*) x (1-CE**/100));

(5) styrene emissions from each resin, in pounds (i.e., (% styrene/100) x (resin weight) x (0.04*) x (1-CE**/100));

(6) the VOC emission rate from all resins employed, in pounds (i.e., the sum of the individual resins in 6.a)(3) above);

(7) the OC emission rate from all resins employed, in pounds (i.e., the sum of the individual resins in 6.a)(4) above);

(8) the styrene emission rate from all resins employed, in pounds (i.e., the sum of the individual resins in 6.a)(5) above);

(9) identification and net usage*** of each cleanup material**** employed, in pounds;

(10) the VOC content of each cleanup material, in weight percent;

(11) the OC content of each cleanup material, in weight percent;

(12) the VOC emission rate from all cleanup materials employed, in pounds (i.e., the sum of 6.a)(9) times [6.a)(10) divided by 100] for each cleanup material employed);

(13) the OC emission rate from all cleanup materials employed, in pounds (i.e., the sum of 6.a)(9) times [6.a)(11) divided by 100] for each cleanup material employed);

(14) the VOC emission rate for all resins and cleanup materials employed, in pounds (i.e., 6.a)(6) plus 6.a)(12)); and

(15) the OC emission rate for all resins and cleanup materials employed, in pounds (i.e., 6.a)(7) plus 6.a)(13)).

These calculations shall be based upon a mass balance approach.

*Emission factor is from AP-42, Table 4.4-2 dated 2/07.

**CE is the emission reduction in weight percent. Wet area enclosures reduce emissions by sixty percent and direct die injection and pre-form injection reduce emissions by ninety percent.

***Net usage shall be the difference between quantities received and any returned for disposal/recycling, excluding solids.

****Activities involving cleanup material include the removal of composite materials, such as cured and uncured resin from equipment, finished surfaces, floors, hands of employees, or any other surfaces, including wipe cleaning of pultruded parts.

[Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05]

b) The permittee shall record the following information on a monthly basis for emissions unit P919:

(1) identification and net usage* of each cleanup material employed, in pounds;

(2) the VOC content of each cleanup material, in weight percent;

(3) the OC content of each cleanup material, in weight percent;

(4) the VOC emission rate from all cleanup materials employed, in pounds (i.e., the sum of 6.b)(1) times [6.b)(2) divided by 100] for each cleanup material employed); and

(5) the OC emission rate from all cleanup materials employed, in pounds (i.e., the sum of 6.b)(1) times [6.b)(3) divided by 100] for each cleanup material employed).

*Net usage shall be the difference between quantities received and any returned for disposal/recycling, excluding solids.

[Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05]

c) The permittee shall record the following information on a monthly basis for emissions units P929, P930, and P931, combined:

(1) the total throughput of solvent (i.e., styrene), in pounds;

(2) the VOC emission rate from the mixing operations, in pounds (i.e., 6.c)(1) times 0.01*);

(3) the OC emission rate from the mixing operations, in pounds (i.e., 6.c)(1) times 0.01*);

(4) the styrene emission rate from the mixing operations, in pounds (i.e., 6.c)(1) times 0.01*);

(5) identification and net usage* of each cleanup material employed, in pounds;

(6) the VOC content of each cleanup material, in weight percent;

(7) the OC content of each cleanup material, in weight percent;

(8) the VOC emission rate from all cleanup materials employed, in pounds (i.e., the sum of 6.c)(5) times [6.c)(6) divided by 100] for each cleanup material employed);

(9) the OC emission rate from all cleanup materials employed, in pounds (i.e., the sum of 6.c)(5) times [6.c)(7) divided by 100] for each cleanup material employed);

(10) the VOC emission rate from the mixing operations and all cleanup materials employed, in pounds (i.e., 6.c)(2) plus 6.c)(8)); and

(11) the OC emission rate from the mixing operations and all cleanup materials employed, in pounds (i.e., 6.c)(3) plus 6.c)(9)).

*AP-42 Chapter 6.4.1 dated 5/83 states 1 or 2 percent of solvent is lost.

[Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05]

d) The permittee shall record the following information on a monthly basis for emissions units P901, P902, P903, P904, P905, P907, P908, P909, P910, P911, P912, P913, P914, P915, P919, P922, P923, P924, P925, P926, P929, P930, P931, T003, T004, T005, T006, and T007, combined:

(1) the VOC emissions, tons per month (i.e., [6.a)(14) plus 6.b)(4) plus 6.c)(10)] divided by 2000 plus [X*/12]);

(2) the OC emissions, tons per month (i.e., [6.a)(15) plus 6.b)(5) plus 6.c)(11)] divided by 2000 plus [Y**/12]);

(3) the styrene emissions, tons per month (i.e., [6.a)(6) plus 6.c)(4)] divided by 2000 plus [Z***/12]);

(4) the rolling, 12-month summation of the monthly emissions of VOC, OC, and styrene.

*"X" is the potential to emit for VOC for emissions T003, T004, T005, T006, and T007, combined, in tons per year.

**"Y" is the potential to emit for OC for emissions T003, T004, T005, T006, and T007, combined, in tons per year.

***"Z" is the potential to emit for styrene for emissions T003, T004, T005, T006, and T007, combined, in tons per year.

[Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05]

7. The permittee shall submit quarterly deviation (excursion) reports that identify the following:

a) all exceedances of the rolling, 12-month emission limitation for VOC;

b) all exceedances of the rolling, 12-month emission limitation for OC, and

c) all exceedances of the rolling, 12-month emission limitation for styrene.

The quarterly deviation (excursion) reports shall be submitted in accordance with the reporting requirements of the Standard Terms and Conditions of this permit.

[Authority for term: OAC rule 3745-31-05 and OAC rule 3745-77-07(C)(1)]

8. Compliance with the emission limitations in 4. and 5. above shall be determined in accordance with the following methods:

   a) Emission Limitations:

   The emissions of VOC from emissions units P901, P902, P903, P904, P905, P907, P908, P909, P910, P911, P912, P913, P914, P915, P919, P922, P923, P924, P925, P926, P929, P930, P931, T003, T004, T005, T006, and T007, combined shall not exceed 81.0 tons per year, based upon a rolling, 12-month summation of the monthly emissions.

   The emissions of OC and styrene from emissions units P901, P902, P903, P904, P905, P907, P908, P909, P910, P911, P912, P913, P914, P915, P919, P922, P923, P924, P925, P926, P929, P930, P931, T003, T004, T005, T006, and T007, combined shall not exceed 127.0 tons per year and 43.0 tons per year, respectively, based upon the rolling, 12-month summations of the monthly emission rates.

   Applicable Compliance Method:

   Compliance with the annual allowable VOC, OC, and styrene emission limitations above shall be demonstrated based on the record keeping requirements established in 6.a) through 6.d) above.

   [Authority for term: OAC rule 3745-31-05 and OAC rule 3745-77-07(C)(1)]

9. The following emissions units contained in this permit are subject to 40 CFR Part 63, Subpart WWWW: L004, P901, P902, P903, P904, P905, P907, P908, P909, P910, P911, P912, P913, P914, P915, P922, P923, P924, P925, P926, P929, P930, P931, T003, T004, T005, T006, and T007. The complete MACT requirements, including the MACT General Provisions may be accessed via the internet from the Electronic Code of Federal Regulations (e-CFR) website: http://ecfr.gpoaccess.gov or by contacting the appropriate Ohio EPA District or local air agency.

10. The permittee shall comply with the applicable emission limitations and work practice standards required under 40 CFR Part 63, Subpart WWWW, including the following sections and Tables:

Section/Table:	Requirement:
63.5805(b)	Must meet the organic hazardous air pollutant (HAP) emissions limitation in Table 3 and the work practice standards in Table 4 of 40 CFR Part 63, Subpart WWWW.
Table 3	Organic HAP emission limit for pultrusion operations.
Table 4	Work practice standards for cleaning operations, HAP-containing materials storage operations, and mixing operations.
63.5835(a)	You must be in compliance at all times with the work practices in Table 4, as well as the organic HAP emission limit in Table 3.

11. The permittee shall comply with one or more of the applicable options listed below for meeting the standards for pultrusion operations subject to the 60 weight percent organic HAP emissions reductions requirement required under 40 CFR Part 63, Subpart WWWW:

Section:	Requirement:
63.5830(a)	Overall reduction in organic HAP by employing a control device
63.5830(b)	Design, install, and operate wet area enclosures and resin drip collection systems on pultrusion machines to meet all the criteria specified in this section.
63.5830(c)	Use of direct die injection pultrusion machines with resin drip collection systems that meet all the criteria specified in this section.
63.5830(d)	Use of a pre-form injection system that meets the definition in §63.5935.
63.5830(e)	Use of any combination of control options in §63.5830(a) through (d) and the weighted average reduction based on resin throughput of all machines combined is 60 percent.

12. The permittee shall comply with the applicable monitoring and record keeping requirements required under 40 CFR Part 63, Subpart WWWW, including the following sections:

Section:	Requirement:
63.5797	How to determine the organic HAP content of the resins and gel coats.
63.5895(c)	Records that you must collect and keep for resin and gel coats.
63.5895(e)	Record all times that wet area enclosures doors or covers are open and there is resin present in the resin bath.
63.5915(a)(1)	You must keep a copy of each notification and report that you submitted to comply with this subpart.
63.5915(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 of this subpart.
63.5915(d)	You must keep a certified statement that you are in compliance with the work practice requirements in Table 4 of this subpart, as applicable.
63.5920(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).
635920(b)	You must keep each record for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record.
63.5920(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. You can keep the records offsite for the remaining 3 years.
63.5920(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.

13. The permittee shall comply with the applicable reporting requirements required under 40 CFR Part 63, Subpart WWWW, including the following sections and Tables:

Section/Table:	Requirement:
63.5905(a)	You must submit all of the notifications in Table 13 that apply to you by the dates specified in Table 13.
63.5905(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.
63.5910(a)	You must submit each report in Table 14 that applies to you.
Table 14	You must submit a semiannual compliance report. If no deviations occur, the report must contain a statement that there were no deviations from any emission limitation and from the requirements for work practice standards. If a deviation occurs, the report must contain the information in §63.5910(d).
63.5910(b)	Schedule for submission of reports.
63.5910(c)	Compliance reports must contain the information in this section.
63.5910(d)	Compliance reports must contain the information in this section when a deviation occurs.
63.5910(g)	Each affect source that has obtained a Title V operating permit must report all deviations as defined by 40 CFR Part 63, Subpart WWWW in the semiannual monitoring report required by §70.6(a)(3)(iii)(A) or §71.6(a)(3)(iii)(A).
63.5910(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.

14. The permittee shall demonstrate continuous compliance with 40 CFR Part 63, Subpart WWWW as described in the following sections:

Section:	Requirement:
63.5900(a)(2)	Compliance with the organic HAP emission limit is demonstrated by maintaining an organic HAP emissions factor value less than or equal to the appropriate organic HAP emission limit listed in Table 3, on a 12-month rolling average.
63.5900(a)(4)	Compliance with the work practice standards is demonstrated by performing the work practice required for your operation.
63.5900(b)	You must report each deviation from each standard in §63.5805 that applies to you.

63.5900(c) During periods of startup, shutdown or malfunction, you must meet the organic HAP emission limits and work practice standards that apply to you.

C. Emissions Unit Terms and Conditions

1. P919, General Fab. Machs.

Operations, Property and/or Equipment Description:

General Fabrication Machines

a) The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

(1) None.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operations(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3)	20.0 pounds of total organic materials* per day 0.2 pound of particulate emissions (PE) per hour See c)(2) below. *as defined under OAC rule 3745-21-01 -- also includes cleanup emissions See 5, 6, 6.a) through 6.d), 7, and 8 of Section B – Facility-Wide Terms and Conditions. The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07(A), 3745-21-07(G), and 3745-31-05(D).
b.	OAC rule 3745-31-05(D) (Synthetic Minor to avoid Non-Attainment New Source Review)	See 4, 6, 6.a) through 6.d), 7, and 8 of Section B – Facility-Wide Terms and Conditions.
c.	OAC rule 3745-17-07(A)	Visible PE from any stack shall not exceed 20% opacity, as a 6-minute average, except as provided by the rule.
d.	OAC rule 3745-17-11(B)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
e.	OAC rule 3745-21-07(G)	See c)(1) and b)(2)a. below.

(2) Additional Terms and Conditions

a. On February 18, 2008, OAC rule 3745-21-07 was revised in its entirety; therefore, the 21-07 rule that was in effect prior to this date is no longer part of the State regulations. On April 4, 2008, the rule revision was submitted to the U.S. EPA as a revision to Ohio's State Implementation Plan (SIP); however, until the U.S. EPA approves the revision to OAC rule 3745-21-07, the requirement to comply with the previous 21-07 rule provisions still exists as part of the federally approved SIP for Ohio. The following terms and conditions shall become void after U.S. EPA approves the rule revision: b)(1)e., b)(2)a., c)(1), d)(2), and e)(1).

c) Operational Restrictions

(1) The permittee shall not employ any photochemically reactive material, as defined in OAC rule 3745-21-01(C)(5), in this emissions unit.

[Authority for term: OAC rule 3745-31-05(A)(3) and OAC rule 3745-77-07(A)(1)]

(2) The PE from the emissions unit listed above shall be vented to the baghouse when the emissions unit is in operation.

[Authority for term: OAC rule 3745-31-05(A)(3) and OAC rule 3745-77-07(A)(1)]

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall record the following information on a daily basis for this emissions unit:

a. identification and net usage* of each cleanup material employed, in pounds;

b. the OC content of each cleanup material, in weight percent;

c. the OC emission rate from all cleanup materials employed, in pounds (i.e., the sum of d)(1)a. times [d)(1)b. divided by 100] for each cleanup material employed);

*Net usage shall be the difference between quantities received and any returned for disposal/recycling, excluding solids.

[Authority for term: OAC rule 3745-31-05(A)(3) and OAC rule 3745-77-07(C)(1)]

(2) The permittee shall collect and record the following information for this emissions unit:

a. the company identification for each liquid organic material employed; and

b. documentation on whether or not each solvent is a photochemically reactive material, as defined in OAC rule 3745-21-01(C)(5).

[Authority for term: OAC rule 3745-31-05(A)(3) and OAC rule 3745-77-07(C)(1)]

(3) In order to maintain compliance with the applicable emission limitation contained in this permit, the acceptable range established for the pressure drop across the baghouse is

between 2 to 5 inches of water; except for the 5 to 7 minutes per hour that each cyclone is in its blow-back mode for the purpose of filter decaking. During this mode, venting of particulates to the outside of the equipment, or the facility, shall not occur.

[Authority for term: OAC rule 3745-77-07(A)(1]

(4) The permittee shall properly install, operate, and maintain equipment to continuously monitor the pressure drop, in inches of water, across the baghouse when the controlled emissions unit is in operation, including periods of startup and shutdown. The permittee shall record the pressure drop across the baghouse on a daily basis; but not during the periods of the blow-back operation. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s), with any modifications deemed necessary by the permittee.

Whenever the monitored value for the pressure drop deviates from the limit or range established in accordance with this permit, the permittee shall promptly investigate the cause of the deviation. The permittee shall maintain records of the following information for each investigation:

a. the date and time the deviation began;

b. the magnitude of the deviation at that time;

c. the date the investigation was conducted;

d. the name(s) of the personnel who conducted the investigation; and

e. the findings and recommendations.

In response to each required investigation to determine the cause of a deviation, the permittee shall take prompt corrective action to bring the operation of the control equipment within the acceptable range specified in this permit, unless the permittee determines that corrective action is not necessary and documents the reasons for that determination and the date and time the deviation ended. The permittee shall maintain records of the following information for each corrective action taken:

a. a description of the corrective action;

b. the date corrective action was completed;

c. the date and time the deviation ended;

d. the total period of time (in minutes) during which there was a deviation;

e. the pressure drop readings immediately after the corrective action was implemented; and

f. the name(s) of the personnel who performed the work.

Investigation and records required by this paragraph do not eliminate the need to comply with the requirements of OAC rule 3745-15-06 if it is determined that a malfunction has occurred.

This range or limit on the pressure drop across the baghouse is effective for the duration of this permit, unless revisions are requested by the permittee and approved in writing by the appropriate Ohio EPA District Office or local air agency. The permittee may request revisions to the permitted limit or range for the pressure drop based upon information obtained during future testing that demonstrate compliance with the allowable particulate emission rate for the controlled emissions unit. In addition, approved revisions to the range or limit will not constitute a relaxation of the monitoring requirements of this permit and may be incorporated into this permit by means of a minor permit modification.

[Authority for term: OAC rule 3745-77-07(C)(1)]

e) Reporting Requirements

(1) The permittee shall notify the Director (the appropriate Ohio EPA District Office or local air agency) in writing if a "photochemically reactive material" (as defined in OAC rule 3745-21-01(C)(5)) was employed in this emissions unit. The notification shall include a copy of such record and shall be sent to the Director (the appropriate Ohio EPA District Office or local air agency) within 45 days after such an occurrence.

[Authority for term: OAC rule 3745-31-05(A)(3) and OAC rule 3745-77-07(C)(1)]

(2) The permittee shall submit quarterly deviation (excursion) reports that include an identification of each day during which the total organic material emissions exceeded 20.0 pounds per day, and the actual organic material emissions for each such day.

[Authority for term: OAC rule 3745-31-05(A)(3) and OAC rule 3745-77-07(C)(1)]

(3) The permittee shall submit quarterly deviation (excursion) reports that include the following information:

a. each period of time (start time and date, and end time and date) when the pressure drop across the baghouse was outside of the acceptable range;

b. any period of time (start time and date, and end time and date) when the emissions unit was in operation and the process emissions were not vented to the baghouse;

c. each incident of deviation described in “a” (above) where a prompt investigation was not conducted;

d. each incident of deviation described in “a” where prompt corrective action, that would bring the pressure drop into compliance with the acceptable range, was determined to be necessary and was not taken; and

e. each incident of deviation described in “a” where proper records were not maintained for the investigation and/or the corrective action(s), as identified in the monitoring and record keeping requirements of this permit.

The quarterly deviation (excursion) reports shall be submitted in accordance with the reporting requirements of the Standard Terms and Conditions of this permit.

(4) [Authority for term: OAC rule 3745-77-07(C)(1)]

(5) The deviation (excursion) reports shall be submitted in accordance with the requirements specified in Section A – Standard Term and Condition 2.c)(2).

[Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3)]

f) Testing Requirements

(1) Compliance with the emission limitations in b)(1) shall be determined in accordance with the following methods:

a. Emission Limitation:

20.0 pounds of total organic materials per day

Applicable Compliance Method:

Compliance with the allowable daily total organic materials emission limitation above shall be demonstrated based on the record keeping requirements established in d)(1) above. Formulation data shall be used to determine the total organic material content of each cleanup material employed.

[Authority for term: OAC rule 3745-31-05(A)(3) and OAC rule 3745-77-07(C)(1)]

b. Emission Limitation:

0.2 pound of PE per hour

Applicable Compliance Method:

If required, compliance shall be demonstrated by emission tests performed in accordance with the procedures specified in 40 CFR Part 60, Appendix A, Methods 1 through 5.

[Authority for term: OAC rule 3745-31-05(A)(3) and OAC rule 3745-77-07(C)(1)]

c. Emission Limitation:

Visible PE from any stack shall not exceed 20% opacity as a 6-minute average, except as provided by the rule.

Applicable Compliance Method:

Compliance shall be demonstrated by visible particulate emission observations performed in accordance with the method and procedures specified in OAC rule 3745-17-03(B)(1).

[Authority for term: OAC rule 3745-17-03(B)(1) and OAC rule 3745-77-07(C)(1)]

g) Miscellaneous Requirements

(1) None.

2. Emissions Unit Group - Mixers: P929, P930, P931,

EU ID	Operations, Property and/or Equipment Description
P929	Process resin batch mixer - Resin Mix Station #1 (previously designated as P916)
P930	Process resin batch mixer - Resin Mix Station #2 (previously designated as P916)
P931	Special process resin batch mixer - Resin Mix Station #3 (previously designated as P916)

a) The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only:

(1) None.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operations(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3)	For emissions units P929, P930, and P931: 1.66 pounds of organic compounds (OC) per hour for each emissions unit, from mixing* *Does not include emissions from cleanup material. See b)(2)b. below. 0.2 pound of particulate emissions (PE) per hour for emissions units P929, P930, and P931, combined See c)(5) below. See 5, 6, 6.a) through 6.d), 7, and 8 of Section B – Facility-Wide Terms and Conditions. The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07(A), 3745-21-07(G), 3745-21-25, and 3745-31-05(D).
b.	OAC rule 3745-31-05(D) (Synthetic Minor to avoid Non-Attainment New Source Review)	See 4, 6, 6.a) through 6.d), 7, and 8 of Section B – Facility-Wide Terms and Conditions.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
c.	OAC rule 3745-17-07(A)	Visible PE from any stack shall not exceed 20% opacity, as a 6-minute average, except as provided by the rule.
d.	OAC rule 3745-17-11(B)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
e.	OAC rule 3745-21-07(G)(2)	None. As per "The White Rubber Corporation v. Director (ERAC Case No. 675153)" decision, OAC rule 3745-21-07(G) shall not apply to an operation that is purely a mixing process with no chemical manufacturing or chemical reaction occurring. See b)(2)a below.
f.	OAC rule 3745-21-25	The permittee shall comply with the following terms and conditions by December 4, 2010: c)(1) through c)(4), d)(1), d)(2), d)(3), e)(1), e)(2), e)(3), e)(4), and e)(5) below. [Once OAC rule 3745-21-25 is approved as part of the Ohio SIP, and upon achieving compliance with this rule, the reinforced plastic composites production operations at the facility are not required to meet OAC rule 3745-21-07. See b)(2)a. below.
g.	40 CFR Part 63, Subpart WWWW	See 9 through 14 of Section B – Facility-Wide Terms and Conditions.
h.	40 CFR Part 63, Subpart A (40 CFR Part 63.5925)	Table 15 to Subpart WWWW of Part 63 - Applicability of General Provisions (Subpart A) to Subpart WWWW of Part 63 shows which parts of the General Provisions in 40 CFR 63.1-15 apply.

(2) Additional Terms and Conditions

a. On December 14, 2009, OAC rule 3745-21-25 which establishes control of VOC emissions from reinforced plastic composites production operation was added to OAC rule 3745-21. These control requirements and the associated operational restrictions, monitoring, record keeping, and reporting requirements contained in this permit shall become federally enforceable on the date the U.S. EPA

approves of OAC rule 3745-21-25 as an addition to the Ohio State Implementation Plan.

The following terms shall become federally enforceable after U.S. EPA approves the rule addition: b)(1)f., c)(1), c)(2)., c)(3), c)(4), d)(1), d)(2), d)(3), e)(1), e)(2), e)(3), e)(4), and e)(5).

The following terms and conditions shall become void after U.S. EPA approves the rule addition: b)(1)e.

b. The hourly OC emission limitations were established to reflect the potentials to emit for these emissions units. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with these short term emission limitations.

c) Operational Restrictions

(1) The permittee shall use mixer covers with no visible gaps present in the mixer covers, except that gaps of up to 1.0 inch are permissible around mixer shafts and any required instrumentation.

[Authority for term: Table 1 of OAC rule 3745-21-25 and OAC rule 3745-77-07(A)(1)]

(2) The permittee shall 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.

[Authority for term: Table 1 of OAC rule 3745-21-25 and OAC rule 3745-77-07(A)(1)]

(3) The permittee shall keep the mixer covers closed while actual mixing is occurring except when adding materials or changing covers to the mixing vessels.

[Authority for term: Table 1 of OAC rule 3745-21-25 and OAC rule 3745-77-07(A)(1)]

(4) The permittee shall not use cleaning solvents (cleaners) that have a volatile organic compound (VOC) content greater than 0.42 pound VOC per gallon, except cleaners used in closed systems and used to clean cured resin from application equipment. Application equipment includes any equipment that directly contacts resin.

[Authority for term: Table 1 of OAC rule 3745-21-25 and OAC rule 3745-77-07(A)(1)]

(5) The particulate emissions from the emissions units listed above shall be vented to the baghouse when one or more of the emissions units are in operation.

[Authority for term: OAC rule 3745-77-07(A)(1) and OAC rule 3745-31-05(A)(3)]

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall keep a copy of each applicability notification and compliance status report submitted to comply with OAC rule 3745-21-25, including all documentation supporting any applicability or compliance status.

[Authority for term: OAC rule 3745-21-25(P)(1)(a) and OAC rule 3745-77-07(C)(1)]

(2) The permittee shall keep a certified statement that operations are in compliance with the work practice standards specified in c)(1) through c)(4) above.

[Authority for term: OAC rule 3745-21-25(P)(1)(e) and OAC rule 3745-77-07(C)(1)]

(3) All records specified in d)(1) and d)(2) above shall be retained by the permittee for a period of not less than five years following the date of each occurrence, measurement, maintenance, corrective action, report, or record and shall be made available to the director or any authorized representative of the director for review during normal business hours.

[Authority for term: OAC rule 3745-21-25(P)(4) and OAC rule 3745-77-07(C)(1)]

(4) In order to maintain compliance with the applicable emission limitation(s) contained in this permit, the acceptable range established for the pressure drop across the baghouse is between 2 to 5 inches of water; except for the 5 to 7 minutes per hour that each cyclone is in its blow-back mode for the purpose of filter decaking. During this mode, venting of particulates to the outside of the equipment, or the facility, shall not occur.

[Authority for term: OAC rule 3745-77-07(A)(1)]

(5) The permittee shall properly install, operate, and maintain equipment to continuously monitor the pressure drop, in inches of water, across the baghouse when any of the controlled emissions units listed above are in operation, including periods of startup and shutdown. The permittee shall record the pressure drop across the baghouse on a daily basis; but not during the periods of the blow-back operation. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s), with any modifications deemed necessary by the permittee.

Whenever the monitored value for the pressure drop deviates from the limit or range established in accordance with this permit, the permittee shall promptly investigate the cause of the deviation. The permittee shall maintain records of the following information for each investigation:

a. the date and time the deviation began;

b. the magnitude of the deviation at that time;

c. the date the investigation was conducted;

d. the name(s) of the personnel who conducted the investigation; and

e. the findings and recommendations.

In response to each required investigation to determine the cause of a deviation, the permittee shall take prompt corrective action to bring the operation of the control equipment within the acceptable range specified in this permit, unless the permittee determines that corrective action is not necessary and documents the reasons for that

determination and the date and time the deviation ended. The permittee shall maintain records of the following information for each corrective action taken:

a. a description of the corrective action;

b. the date corrective action was completed;

c. the date and time the deviation ended;

d. the total period of time (in minutes) during which there was a deviation;

e. the pressure drop readings immediately after the corrective action was implemented; and

f. the name(s) of the personnel who performed the work.

Investigation and records required by this paragraph do not eliminate the need to comply with the requirements of OAC rule 3745-15-06 if it is determined that a malfunction has occurred.

This range or limit on the pressure drop across the baghouse is effective for the duration of this permit, unless revisions are requested by the permittee and approved in writing by the appropriate Ohio EPA District Office or local air agency. The permittee may request revisions to the permitted limit or range for the pressure drop based upon information obtained during future testing that demonstrate compliance with the allowable particulate emission rate for the controlled emissions unit(s). In addition, approved revisions to the range or limit will not constitute a relaxation of the monitoring requirements of this permit and may be incorporated into this permit by means of a minor permit modification.

[Authority for term: OAC rule 3745-77-07(C)(1)]

e) Reporting Requirements

(1) The owner or operator of a facility that has reinforced plastic composites production operations subject to OAC rule 3745-21-25 shall submit semiannual compliance status reports containing the information specified in e)(2)a. to e)(2)f. below. The semiannual compliance status reports shall be submitted no later than thirty calendar days after the end of each six-month period to the appropriate Ohio environmental protection agency district office or local air agency. The first compliance report shall cover the period beginning on the compliance date that is specified in paragraph (R) of OAC rule 3745-21-25 and ending on June thirtieth or December thirty-first, whichever date is the first date following the end of the first calendar half after the compliance date that is specified in paragraph (R) of OAC rule 3745-21-25. Each subsequent compliance report shall cover the semiannual reporting period from January first through June thirtieth or the semiannual reporting period from July first through December thirty-first.

[Authority for term: OAC rule 3745-21-25(Q)(1) and OAC rule 3745-77-07(C)(1)]

(2) The compliance report shall contain the information specified in e)(2)a. to e)(2)f. below.

a. Company name and address.

b. 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.

c. Date of the report and beginning and ending dates of the reporting period.

d. If there are no deviations from any VOC emissions limitations and operating limits that apply and there are no deviations from the work practice standards in table 1 of OAC rule 3745-21-25, a statement that there were no deviations from VOC emissions limitations, operating limits, or work practice standards during the reporting period.

e. For each deviation from a VOC emissions limitation or operating limit and for each deviation from a work practice standard that occurs at an affected operation where a CMS is not used to comply with the VOC emissions limitation, operating limit, or work practice standard in OAC rule 3745-21-25, the compliance report shall contain the information in e)(2)e.i. and e)(2)e.ii. below.

i. The total operating time of each affected operation during the reporting period.

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

f. Where multiple compliance options are available, the owner or operator shall state in this compliance report if the owner or operator has changed compliance options since the last compliance report.

[Authority for term: OAC rule 3745-21-25(Q)(3) and OAC rule 3745-77-07(C)(1)]

(3) The permittee shall report if the facility exceeded the one hundred tons of VOC per year emissions threshold if that exceedance would make the facility subject to paragraph (D)(3) of OAC rule 3745-21-25.

[Authority for term: OAC rule 3745-21-25(Q)(4) and OAC rule 3745-77-07(C)(1)]

(4) Each facility that has obtained a Title V permit pursuant to Chapter 3745-77 of the Administrative Code shall report all deviations as described in OAC rule 3745-21-25 in the semiannual monitoring report required by the Title V permit. If the facility submits a semiannual compliance report pursuant to OAC rule 3745-21-25 along with, or as part of, the semiannual monitoring report required by the facility's Title V permit, and the semiannual compliance report includes all required information concerning deviations from any VOC emissions limitation, operating limit, or work practice standard in OAC rule 3745-21-25, submission of the semiannual 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 appropriate Ohio environmental protection agency district office or local air agency.

[Authority for term: OAC rule 3745-21-25(Q)(5) and OAC rule 3745-77-07(C)(1)]

(5) The permittee shall notify the appropriate Ohio environmental protection agency district office or local air agency in writing that such operation is subject to OAC rule 3745-21-25. The notification, which shall be submitted not later than February 12, 2010, shall provide the following information:

a. Name and address of the owner or operator;

b. Address (i.e., physical location) of the facility;

c. Equipment description and Ohio EPA application number (if assigned) of the affected operation;

d. Identification of the applicable requirements, the means of compliance, and the compliance date for the affected operation under OAC rule 3745-21-25; and

e. Regarding a permit for the affected operation, whichever of the following is applicable:

i. Submission of an application for an operating permit, a permit modification, or an operating permit renewal in accordance with rule 3745-31-02 of the Administrative Code; or

ii. Submission of a statement of intent to submit an application for a Title V permit or modification of a Title V permit in accordance with rule 3745-77-02 or 3745-77-06 of the Administrative Code, respectively.

[Authority for term: OAC rule 3745-21-25(S)(1) and OAC rule 3745-77-07(C)(1)]

(6) The permittee shall submit quarterly deviation (excursion) reports that include the following information:

a. each period of time (start time and date, and end time and date) when the pressure drop across the baghouse was outside of the acceptable range;

b. any period of time (start time and date, and end time and date) when the emissions unit(s) was/were in operation and the process emissions were not vented to the baghouse;

c. each incident of deviation described in “a” (above) where a prompt investigation was not conducted;

d. each incident of deviation described in “a” where prompt corrective action, that would bring the pressure drop into compliance with the acceptable range, was determined to be necessary and was not taken; and

e. each incident of deviation described in “a” where proper records were not maintained for the investigation and/or the corrective action(s), as identified in the monitoring and record keeping requirements of this permit.

The quarterly deviation (excursion) reports shall be submitted in accordance with the reporting requirements of the Standard Terms and Conditions of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

f) Testing Requirements

(1) Compliance with the emission limitations in b)(1) shall be determined in accordance with the following methods:

a. Emission Limitation:

For emissions units P929, P930, and P931: 1.66 pounds of OC per hour for each emissions unit from mixing

Applicable Compliance Method:

Compliance with the allowable hourly OC emission limitation above shall be demonstrated by multiplying the maximum hourly solvent usage, in pounds of solvent per hour, by 0.01*

If required, compliance shall be demonstrated by emission tests performed in accordance with the procedures specified in 40 CFR Part 60, Appendix A, Methods 1 through 4 and Method 18, 25 or 25A, as appropriate.

*AP-42 Chapter 6.4.1 dated 5/83 states 1 or 2 percent of solvent is lost.

[Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3)]

b. Emission Limitation:

0.2 pound of PE per hour for emissions units P929, P930, and P931, combined

Applicable Compliance Method:

If required, compliance shall be demonstrated by emission tests performed in accordance with the procedures specified in 40 CFR Part 60, Appendix A, Methods 1 through 5.

[Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3)]

c. Emission Limitation:

Visible PE from any stack shall not exceed 20% opacity, as a 6-minute average, except as provided by the rule.

Applicable Compliance Method:

Compliance shall be demonstrated by visible particulate emission observations performed in accordance with the method and procedures specified in OAC rule 3745-17-03(B)(1).

[Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-17-03(B)(1)]

g) Miscellaneous Requirements

(1) None.

3. Emissions Unit Group - Pultrusion Lines: P901, P902, P903, P904, P905, P907, P908, P909, P910, P911, P912, P913, P914, P915, P922, P923, P924, P925, P926,

EU ID	Operations, Property and/or Equipment Description
P901	Pultrusion Process Production Unit - Production Line 1
P902	Pultrusion Process Production Unit - Production Line 2
P903	Pultrusion Process Production Unit - Production Line 3
P904	Pultrusion Process Production Unit - Production Line 4
P905	Pultrusion Process Production Unit - Production Line 5
P907	Pultrusion Process Production Unit - Production Line 7
P908	Pultrusion Process Production Unit - Production Line 8
P909	Pultrusion Process Production Unit - Production Line 9
P910	Pultrusion Process Production Unit - Production Line 10
P911	Pultrusion Process Production Unit - Production Line 11, Cavity 1
P912	Pultrusion Process Production Unit - Production Line 11, Cavity 2
P913	Pultrusion Process Production Unit - Production Line 11, Cavity 3
P914	Pultrusion Process Production Unit - Production Line 13
P915	Pultrusion Process Production Unit - Production Line 12, Cavity 1
P922	Pultrusion Process Production Unit - Production Line 12, Cavity 2
P923	Pultrusion Process Production Unit - Production Line 14, Cavity 1
P924	Pultrusion Process Production Unit - Production Line 14, Cavity 2
P925	Pultrusion Process Production Unit - Production Line 14, Cavity 3
P926	Pultrusion Process Production Unit - Production Line 14, Cavity 4

a) The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only:

(1) None.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operations(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3)	For emissions units P901 – P905, P907-P915 and P922 – P926: 2.53 pounds of organic compounds (OC) per hour, from the pultrusion process* for each emissions unit. *Does not include emissions from cleanup material. See b)(2)e. below.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		For emissions units P901 – P905, P907-P915 and P922 – P926: 0.2 pound of particulate emissions (PE) per hour for each emissions unit. See c)(2) below. See 5, 6, 6.a) through 6.d), 7, and 8 of Section B – Facility-Wide Terms and Conditions. The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07(A), 3745-21-07(G), 3745-21-25, and 3745-31-05(D).
b.	OAC rule 3745-31-05(D) (Synthetic Minor to avoid Non-Attainment New Source Review)	See 4, 6, 6.a) through 6.d), 7, and 8 of Section B – Facility-Wide Terms and Conditions.
c.	OAC rule 3745-17-07(A)	Visible PE from any stack shall not exceed 20% opacity, as a 6-minute average, except as provided by the rule.
d.	OAC rule 3745-17-11(B)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
e.	OAC rule 3745-21-07(G)	For emissions units P901 – P905, P907-P915 and P922 – P926: When employing, applying, evaporating, or drying any photochemically reactive material, or substance containing such photochemically reactive material, the permittee shall not discharge more than 40 pounds of organic material into the atmosphere in any one day from each emissions unit. The hourly emission limitation specified by this rule is less stringent than the hourly emission limitation established pursuant to OAC rule 3745-31-05(A)(3). See b)(2)c, b)(2)d, and c)(1) below.
f.	OAC rule 3745-21-25	Reduce total volatile organic compound (VOC) emissions by at least sixty per cent by weight by December 4, 2010. The permittee shall comply with the

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		following terms and conditions by December 4, 2010: b)(2)a., b)(2)b., d)(1), d)(2), d)(3), d)(4), d)(5), d)(6) e)(1), e)(2), e)(3), e)(4), e)(5), and f)(1)d. below. Once OAC rule 3745-21-25 is approved as part of the Ohio SIP, and upon achieving compliance with this rule, the reinforced plastic composites production operations at the facility are not required to meet OAC rule 3745-21-07. See b)(2)c. below.
g.	40 CFR Part 63, Subpart WWWW	See 9 through 14 of Section B – Facility-Wide Terms and Conditions.
h.	40 CFR Part 63, Subpart A (40 CFR Part 63.5925)	Table 15 to Subpart WWWW of Part 63 - Applicability of General Provisions (Subpart A) to Subpart WWWW of Part 63 shows which parts of the General Provisions in 40 CFR 63.1-15 apply.

(2) Additional Terms and Conditions

a. For pultrusion operations, the permittee shall use one or more of the options in b)(2)b.i. to b)(2)b.v. below to meet the sixty weight per cent VOC emission limit in Table 2 of OAC rule 3745-21-25:

i. Achieve an overall reduction in VOC emissions of sixty per cent by weight capturing the VOC emissions and venting them to a control device or any combination of control devices. Conduct capture and destruction efficiency testing as specified in 40 CFR 63.5850 to determine the per cent VOC emissions reduction.

ii. Design, install, and operate wet area enclosures and resin drip collection systems on pultrusion machines that meet the criteria in b)(2)a.ii.(a) to b)(2)a.ii.(i) below.

(a) The enclosure shall 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 shall be closed except for openings to allow material to enter and exit the enclosure.

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

(c) 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 shall be enclosed.

(d) The total open area of the enclosure shall not exceed two times the cross sectional area of the puller window(s) and shall comply with the requirements in b)(2)a.ii.(d)(i) to b)(2)a.ii.(d)(iii) below.

(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.

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

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

(g) The enclosure may not be removed from the pultrusion line, and access panels, doors, and/or hatches that are part of the enclosure shall remain closed whenever resin is in the bath, except for the time period discussed in b)(2)a.ii.(h) below.

(h) 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 thirty minutes per eight-hour shift, forty-five minutes per twelve-hour shift, or ninety minutes per day if the machine is operated for twenty-four 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 shall not exceed the times shown in this paragraph. All lines included in the average shall have operated the entire time period being averaged.

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

iii. Use direct die injection pultrusion machines with resin drip collection systems that meet all the criteria specified in b)(2)a.iii.(a) to b)(2)a.iii.(c) below.

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

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

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

iv. Use a pre-form injection system that meets the definition in paragraph (GG)(60) of rule 3745-21-01 of the Administrative Code.

v. Use any combination of options in b)(2)a.i. to b)(2)a.iv. above in which different pultrusion lines comply with different options described in b)(2)a.i. to b)(2)a.iv. above; and

(a) Each individual pultrusion machine meets the sixty per cent reduction requirement; or

(b) The weighted average reduction based on resin throughput of all pultrusion machines combined is sixty per cent. For purposes of the average per cent reduction calculation, wet area enclosures reduce VOC emissions by sixty per cent, and direct die injection and pre-form injection reduce VOC emissions by ninety per cent. For averaging purposes, zero reduction credit is earned during production on lines that have not installed and operated enclosures or injection systems as described in b)(2)a.i. to b)(2)a.iv. above.

b. The permittee shall not use cleaning solvents (cleaners) that have a VOC content greater than 0.42 pound VOC per gallon, except cleaners used in closed systems and used to clean cured resin from application equipment. Application equipment includes any equipment that directly contacts resin.

c. On December 14, 2009, OAC rule 3745-21-25, which establishes control of VOC emissions from reinforced plastic composites production operation, was added to OAC rule 3745-21. These control requirements and the associated operational restrictions, monitoring, record keeping, and reporting requirements contained in this permit shall become federally enforceable on the date the U.S. EPA approves OAC rule 3745-21-25 as an addition to the Ohio State Implementation Plan.

The following terms shall become federally enforceable after U.S. EPA approves the rule addition: b)(1)f., b)(2)a., b)(2)b., d)(1), d)(2), d)(3), d)(4), d)(5), d)(6) e)(1), e)(2), e)(3), e)(4), e)(5), and f)(1)d.

The following terms and conditions shall become void after U.S. EPA approves the rule addition: b)(1)e., c)(1), d)(7), d)(8), e)(6), e)(7), and f)(1)a.

d. On February 18, 2008, Ohio EPA rescinded existing rule 3745-21-07 of the Ohio Administrative Code (OAC) and adopted new rule 3745-21-07. The new OAC rule 3745-21-07 does not establish any requirements for this emissions unit. The

rule rescindment and new rule shall be federally enforceable on the date the U.S. EPA approves a revision to Ohio's State Implementation Plan (SIP). Therefore, until the SIP revision occurs and the U.S. EPA approves the rule rescindment and new OAC rule 3745-21-07, the requirements of OAC rule 3745-21-07(G)(2) still exists as part of the federally-approved SIP of Ohio.

e. The hourly OC emissions limits were established to reflect the potentials to emit for the emissions units listed above. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with these short term emission limitations.

c) Operational Restrictions

(1) The permittee shall not employ any photochemically reactive cleanup material, as defined in OAC rule 3745-21-01(C)(5), in this emissions unit.

[Authority for term: OAC rule 3745-31-05(A)(3) and OAC rule 3745-77-07(A)(1)]

(2) The PE from the emissions units listed above shall be vented to the baghouse when one or more of the emissions units are in operation.

[Authority for term: OAC rule 3745-31-05(A)(3) and OAC rule 3745-77-07(A)(1)]

d) Monitoring and/or Recordkeeping Requirements

(1) For meeting any VOC emission limitations based on a VOC emission limitation specified in Table 2 or Table 3 of OAC rule 3745-21-25, the permittee shall collect and keep records of resin and gel coat use, monomer content, and operation where the resin is used. Resin use records may be based on purchase records if the permittee can reasonably estimate how the resin is applied. The monomer content records may be based on MSDS or on resin specifications supplied by the resin supplier.

[Authority for term: OAC rule 3745-21-25(O)(2)(b) and OAC rule 3745-77-07(C)(1)]

(2) For each pultrusion machine, the permittee shall record all times that doors or covers of wet area enclosures are open and there is resin present in the resin bath.

[Authority for term: OAC rule 3745-21-25(O)(2)(d) and OAC rule 3745-77-07(C)(1)]

(3) The permittee shall keep a copy of each applicability notification and compliance status report submitted to comply with OAC rule 3745-21-25, including all documentation supporting any applicability or compliance status.

[Authority for term: 3745-21-25(P)(1)(a) and OAC rule 3745-77-07(C)(1)]

(4) The permittee shall keep all data, assumptions, and calculation used to determine monomer contents and VOC emissions factors.

[Authority for term: OAC rule 3745-21-25(P)(1)(c) and OAC rule 3745-77-07(C)(1)]

(5) The permittee shall keep a certified statement that operations are in compliance with the work practice standards specified in b)(2)b. above.

[Authority for term: OAC rule 3745-21-25(P)(1)(e) and OAC rule 3745-77-07(C)(1)]

(6) All records specified in d)(3), d)(4) and d)(5) above shall be retained by the permittee for a period of not less than five years following the date of each occurrence, measurement, maintenance, corrective action, report, or record and shall be made available to the director or any authorized representative of the director for review during normal business hours.

[Authority for term: OAC rule 3745-21-25(P)(4) and OAC rule 3745-77-07(C)(1)]

(7) The permittee shall collect and record the following information for each day for each emissions unit:

a. the identification and quantity (pounds) of each resin received for processing;

b. the styrene content (% by weight) of each resin;

c. the OC emissions from each resin, in pounds (i.e., (% styrene/100) x (batch weight) x (0.04*) x (1-CE*/100)); and

d. the OC emissions from all resins employed, in pounds (i.e., the sum of the each batch in d)(7)c.).

*Emission factor is from AP-42, Table 4.4-2 dated 2/07.

**CE is the emission reduction in weight percent. Wet area enclosures reduce emissions by sixty percent and direct die injection and pre-form injection reduce emissions by ninety percent.

[Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3)]

(8) The permittee shall collect and record the following information for this emissions unit:

a. the company identification for each cleanup material employed; and

b. documentation on whether or not each cleanup material is a photochemically reactive material, as defined in OAC rule 3745-21-01(C)(5).

[Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3)]

(9) In order to maintain compliance with the applicable emission limitation(s) contained in this permit, the acceptable range established for the pressure drop across the baghouse is between 2 to 5 inches of water; except for the 5 to 7 minutes per hour that each cyclone is in its blow-back mode for the purpose of filter decaking. During this mode, venting of particulates to the outside of the equipment, or the facility, shall not occur.

[Authority for term: OAC rule 3745-77-07(A)(1)]

(10) The permittee shall properly install, operate, and maintain equipment to continuously monitor the pressure drop, in inches of water, across the baghouse when any of the controlled emissions units listed above are in operation, including periods of startup and shutdown. The permittee shall record the pressure drop across the baghouse on a daily

basis; but not during the periods of the blow-back operation. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s), with any modifications deemed necessary by the permittee.

Whenever the monitored value for the pressure drop deviates from the limit or range established in accordance with this permit, the permittee shall promptly investigate the cause of the deviation. The permittee shall maintain records of the following information for each investigation:

a. the date and time the deviation began;

b. the magnitude of the deviation at that time;

c. the date the investigation was conducted;

d. the name(s) of the personnel who conducted the investigation; and

e. the findings and recommendations.

In response to each required investigation to determine the cause of a deviation, the permittee shall take prompt corrective action to bring the operation of the control equipment within the acceptable range specified in this permit, unless the permittee determines that corrective action is not necessary and documents the reasons for that determination and the date and time the deviation ended. The permittee shall maintain records of the following information for each corrective action taken:

a. a description of the corrective action;

b. the date corrective action was completed;

c. the date and time the deviation ended;

d. the total period of time (in minutes) during which there was a deviation;

e. the pressure drop readings immediately after the corrective action was implemented; and

f. the name(s) of the personnel who performed the work.

Investigation and records required by this paragraph do not eliminate the need to comply with the requirements of OAC rule 3745-15-06 if it is determined that a malfunction has occurred.

This range or limit on the pressure drop across the baghouse is effective for the duration of this permit, unless revisions are requested by the permittee and approved in writing by the appropriate Ohio EPA District Office or local air agency. The permittee may request revisions to the permitted limit or range for the pressure drop based upon information obtained during future testing that demonstrate compliance with the allowable particulate emission rate for the controlled emissions unit(s). In addition, approved revisions to the range or limit will not constitute a relaxation of the monitoring requirements of this permit and may be incorporated into this permit by means of a minor permit modification.

[Authority for term: OAC rule 3745-77-07(C)(1)]

e) Reporting Requirements

(1) The owner or operator of a facility that has reinforced plastic composites production operations subject to OAC rule 3745-21-25 shall submit semiannual compliance status reports containing the information specified in e)(2)a. to e)(2)f. below. The semiannual compliance status reports shall be submitted no later than thirty calendar days after the end of each six-month period to the appropriate Ohio environmental protection agency district office or local air agency. The first compliance report shall cover the period beginning on the compliance date that is specified in paragraph (R) of OAC rule 3745-21-25 and ending on June thirtieth or December thirty-first, whichever date is the first date following the end of the first calendar half after the compliance date that is specified in paragraph (R) of OAC rule 3745-21-25. Each subsequent compliance report shall cover the semiannual reporting period from January first through June thirtieth or the semiannual reporting period from July first through December thirty-first.

[Authority for term: OAC rule 3745-21-25(Q)(1) and OAC rule 3745-77-07(C)(1)]

(2) The compliance report shall contain the information specified in e)(2)a. to e)(2)f. below.

a. Company name and address.

b. 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.

c. Date of the report and beginning and ending dates of the reporting period.

d. If there are no deviations from any VOC emissions limitations and operating limits that apply and there are no deviations from the work practice standards in table 1 of OAC rule 3745-21-25, a statement that there were no deviations from VOC emissions limitations, operating limits, or work practice standards during the reporting period.

e. For each deviation from a VOC emissions limitation or operating limit and for each deviation from a work practice standard that occurs at an affected operation where a CMS is not used to comply with the VOC emissions limitation, operating limit, or work practice standard in OAC rule 3745-21-25, the compliance report shall contain the information in e)(2)e.i. and e)(2)e.ii. below.

i. The total operating time of each affected operation during the reporting period.

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

f. Where multiple compliance options are available, the owner or operator shall state in this compliance report if the owner or operator has changed compliance options since the last compliance report.

[Authority for term: OAC rule 3745-21-25(Q)(3) and OAC rule 3745-77-07(C)(1)]

(3) The permittee shall report if the facility exceeded the one hundred tons of VOC per year emissions threshold if that exceedance would make the facility subject to paragraph (D)(3) of OAC rule 3745-21-25.

[Authority for term: OAC rule 3745-21-25(Q)(4) and OAC rule 3745-77-07(C)(1)]

(4) Each facility that has obtained a Title V permit pursuant to Chapter 3745-77 of the Administrative Code shall report all deviations as described in OAC rule 3745-21-25 in the semiannual monitoring report required by the Title V permit. If the facility submits a semiannual compliance report pursuant to OAC rule 3745-21-25 along with, or as part of, the semiannual monitoring report required by the facility's Title V permit, and the semiannual compliance report includes all required information concerning deviations from any VOC emissions limitation, operating limit, or work practice standard in OAC rule 3745-21-25, submission of the semiannual 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 appropriate Ohio environmental protection agency district office or local air agency.

[Authority for term: OAC rule 3745-21-25(Q)(5) and OAC rule 3745-77-07(C)(1)]

(5) The permittee shall notify the appropriate Ohio environmental protection agency district office or local air agency in writing that such operation is subject to OAC rule 3745-21-25. The notification, which shall be submitted not later than February 12, 2010, shall provide the following information:

a. Name and address of the owner or operator;

b. Address (i.e., physical location) of the facility;

c. Equipment description and Ohio EPA application number (if assigned) of the affected operation;

d. Identification of the applicable requirements, the means of compliance, and the compliance date for the affected operation under OAC rule 3745-21-25; and

e. Regarding a permit for the affected operation, whichever of the following is applicable:

i. Submission of an application for an operating permit, a permit modification, or an operating permit renewal in accordance with rule 3745-31-02 of the Administrative Code; or

ii. Submission of a statement of intent to submit an application for a Title V permit or modification of a Title V permit in accordance with rule 3745-77-02 or 3745-77-06 of the Administrative Code, respectively.

[Authority for term: OAC rule 3745-21-25(S)(1) and OAC rule 3745-77-07(C)(1)]

(6) The permittee shall submit quarterly deviation (excursion) reports that include an identification of each day during which the organic compound emissions from the resins

and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

The deviation reports shall be submitted in accordance with the Standard Terms and Conditions of this permit

[Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3)]

(7) The permittee shall notify the Director (the appropriate Ohio EPA District Office or local air agency) in writing if a "photochemically reactive material" (as defined in OAC rule 3745-21-01(C)(5)) was employed in the emissions unit. The notification shall include a copy of such record and shall be sent to the Director (the appropriate Ohio EPA District Office or local air agency) within 45 days after such an occurrence.

[Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3)]

(8) The permittee shall submit quarterly deviation (excursion) reports that include the following information:

a. each period of time (start time and date, and end time and date) when the pressure drop across the baghouse was outside of the acceptable range;

b. any period of time (start time and date, and end time and date) when the emissions unit(s) was/were in operation and the process emissions were not vented to the baghouse;

c. each incident of deviation described in “a” (above) where a prompt investigation was not conducted;

d. each incident of deviation described in “a” where prompt corrective action, that would bring the pressure drop into compliance with the acceptable range, was determined to be necessary and was not taken; and

e. each incident of deviation described in “a” where proper records were not maintained for the investigation and/or the corrective action(s), as identified in the monitoring and record keeping requirements of this permit.

The quarterly deviation (excursion) reports shall be submitted in accordance with the reporting requirements of the Standard Terms and Conditions of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(9) The deviation (excursion) reports shall be submitted in accordance with the requirements specified in Section A – Standard Term and Condition 2.c)(2).

[Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3)]

f) Testing Requirements

(1) Compliance with the emission limitations in b)(1) shall be determined in accordance with the following methods:

a. Emission Limitations:

For emissions units P901 – P905, P907- P915 and P922 – P926: When employing, applying, evaporating, or drying any photochemically reactive material, or substance containing such photochemically reactive material, the permittee shall not discharge more than 40 pounds of organic material into the atmosphere in any one day from each emissions unit.

Applicable Compliance Method:

Compliance with the allowable daily total organic materials emission limitation above shall be demonstrated based on the record keeping requirements established in d)(7) above.

If required, compliance shall be demonstrated by emission tests performed in accordance with the procedures specified in 40 CFR Part 60, Appendix A, Methods 1 through 4 and Method 18, 25 or 25A, as appropriate.

[Authority for term: OAC rule 3745-77-07(C)(1)]

b. Emission Limitations:

For emissions units P901 – P905, P907- P915 and P922 – P926: 0.2 pound of PE per hour for each emissions unit

Applicable Compliance Method:

If required, compliance shall be demonstrated by emission tests performed in accordance with the procedures specified in 40 CFR Part 60, Appendix A, Methods 1 through 5.

[Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3)]

c. Emission Limitation:

Visible PE from any stack shall not exceed 20% opacity, as a 6-minute average, except as provided by the rule.

Applicable Compliance Method:

Compliance shall be demonstrated by visible particulate emission observations performed in accordance with the method and procedures specified in OAC rule 3745-17-03(B)(1).

[Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-17-03(B)(1)]

d. Emission Limitation:

Reduce total VOC emissions by at least sixty per cent by weight by December 4, 2010.

Applicable Compliance Method:

Compliance with the allowable total VOC emission limitation above shall be demonstrated by maintaining a VOC emission factor value less than or equal to the appropriate VOC emissions limit listed in Table 2 or Table 3 of OAC rule 3745-21-25, on a twelve-month rolling average and shall be demonstrated based on the record keeping requirements established in d)(1), d)(2), and d)(4) above.

[Authority for term: OAC rule 3745-21-25(O)(1)(a)(ii) and OAC rule 3745-77-07(C)(1)]

e. Emission Limitation:

For emissions units P901 – P905, P907- P915 and P922 – P926: 2.53 pounds of OC per hour from the pultrusion process for each emissions unit.

Applicable Compliance Method:

Compliance with the hourly allowable OC emission limitations above shall be demonstrated by multiplying the maximum pounds of styrene per pounds of product by the maximum production rate times 0.04*.

If required, the permittee shall demonstrate compliance with the hourly allowable OC emission limitation based on the results of emission testing conducted in accordance with Methods 1-4 and 18, 25, or 25A, as appropriate, of 40 CFR Part 60, Appendix A.

*Emission factor is from AP-42, Table 4.4-2 dated 2/07.

[Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3)]

g) Miscellaneous Requirements

(1) None.