



Environmental  
Protection Agency

John R. Kasich, Governor

Mary Taylor, Lt. Governor

Scott J. Nally, Director

2/10/2012

Pamela Blakley *Via E-Mail Notification*  
United States Environmental Protection Agency  
Mail Code: AR-18J  
77 West Jackson Blvd.

Chicago, IL 60604-3507

RE: PROPOSED AIR POLLUTION TITLE V PERMIT  
Facility Name: Core Molding Technologies  
Facility ID: 0125041046  
Permit Type: Renewal  
Permit Number: P0082800

Dear Ms. Blakley:

A proposed OAC Chapter 3745-77 Title V permit for the referenced facility has been issued for review by U.S. EPA. This permit has been posted to the Division of Air Pollution Control (DAPC) Web page <http://www.epa.ohio.gov/dapc> in Microsoft Word and Adobe Acrobat format. If U.S. EPA does not object to this proposed permit, the permit will be processed for issuance as a final action not less than 45 days from the date of this letter. Please contact me at (614) 644-3631 by the end of the 45 day review period if you wish to object to the proposed permit.

Sincerely,

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

Cc: Ohio EPA DAPC, Central District Office





## **PROPOSED**

### **Division of Air Pollution Control Title V Permit for Core Molding Technologies**

Facility ID:	0125041046
Permit Number:	P0082800
Permit Type:	Renewal
Issued:	2/10/2012
Effective:	To be entered upon final issuance
Expiration:	To be entered upon final issuance





Division of Air Pollution Control
Title V Permit
for
Core Molding Technologies

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## Authorization

Facility ID: 0125041046  
Facility Description: Plastics products nec  
Application Number(s): A0013150, A0013151, A0013152, A0041579  
Permit Number: P0082800  
Permit Description: Renewal Title V permit for reinforced plastic composites facility. Permitted operations include SMC manufacture and maturation, coating booths, and multiple thermoset presses.  
Permit Type: Renewal  
Issue Date: 2/10/2012  
Effective Date: To be entered upon final issuance  
Expiration Date: To be entered upon final issuance  
Superseded Permit Number: P0082799

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

Core Molding Technologies  
800 Manor Park  
Columbus, OH 43228-0183

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

Ohio EPA DAPC, Central District Office  
50 West Town Street, 6th Floor  
P.O. Box 1049  
Columbus, OH 43216-1049  
(614)728-3778

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 Ohio EPA DAPC, Central District Office. 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

Scott J. Nally  
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

**Effective Date:** To be entered upon final issuance

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 Ohio EPA DAPC, Central District Office.

*(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 contaminant 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) None.
2. The following emissions units contained in this permit are subject to 40 CFR Part 63, Subpart PPPP: R006, R009 and R011. 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> by contacting Ohio EPA, Central District Office.
3. The following emissions units contained in this permit are subject to 40 CFR Part 63, Subpart WWW: P005, P007 through P018, P043, P044 and P046. 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 Ohio EPA, Central District Office.
4. The following insignificant emissions units at this facility must comply with all applicable State and federal regulations, as well as any emissions limitations and/or control requirements contained within the identified permit to install for the emissions unit. The insignificant emissions units listed below are subject to one or more applicable requirements contained in a permit-to-install or in the SIP approved versions of OAC Chapters 3745-17, 3745-18, and 3745-21, and/or 40 CFR Part 60 or 63:

L006 Cold Cleaner (OAC rule 3745-21-25 and 40 CFR Part 63, Subpart WWWW)

L008 Cold Cleaner (OAC rule 3745-21-25 and 40 CFR Part 63, Subpart WWWW)

P006 Calcium Carbonate Storage Silo (PTI 01-3108)

P027 Grill Router #2 (PTI 01-3108)

R004 Robotic Adhesive Applicator (40 CFR Part 63, Subpart PPPP)

R020 Robotic Adhesive Applicator #2 (40 CFR Part 63, Subpart PPPP)

R021 Robotic Adhesive Applicator #4 (40 CFR Part 63, Subpart PPPP)

R022 Portable Adhesive Applicator #5 (40 CFR Part 63, Subpart PPPP)

T001 Resin Tank #1 (PTI 01-3108, OAC rule 3745-21-25 and 40 CFR Part 63, Subpart WWWW)

T002 Resin Tank #2 (PTI 01-3108, OAC rule 3745-21-25 and 40 CFR Part 63, Subpart WWWW)

T003 Resin Tank #3 (PTI 01-3108, OAC rule 3745-21-25 and 40 CFR Part 63, Subpart WWWW)

T004 Resin Tank #4 (PTI 01-3108, OAC rule 3745-21-25 and 40 CFR Part 63, Subpart WWWW)

T013 Bulk Tank #5 (PTI 01-08857, OAC rule 3745-21-25 and 40 CFR Part 63, Subpart WWWW)

T014 Bulk Tank #6 (PTI 01-08857, OAC rule 3745-21-25 and 40 CFR Part 63, Subpart WWWW)

## **C. Emissions Unit Terms and Conditions**



1. P007, Sheet Molding Compound 48" Machine

Operations, Property and/or Equipment Description:

Sheet Molding Compound 48" Machine controlled by an RTO

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 operation(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 are identified below. 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 3745-21-25	See b)(2)a., b)(2)b. d)(5) and e)(2) below.
b.	OAC rule 3745-31-05(A)(3) (P0108647)	Organic compound emissions shall not exceed 44.2 pounds per day.  The control efficiency established under P0108647 is less stringent than the control efficiency established under OAC rule 3745-21-25.  See b)(2)c. through f., d)(1) through (4) and e)(1) below.
c.	40 CFR Part 63, Subpart WWWW	See b)(2)g., c)(1), d)(6) and e)(3) below.
d.	40 CFR Part 63, Subpart A (40 CFR Part 63.1-16)	See b)(2)h., c)(2), d)(7) and e)(4) below.

(2) Additional Terms and Conditions

a. The following work practice standards from Table 1 of OAC rule 3745-21-25 apply to this emissions unit:

Type of operation	Work practice standards
Cleaning operation (cleaning of equipment used in reinforced plastic composites manufacture)	Do 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



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	contacts resin.
SMC manufacturing operation	<ul style="list-style-type: none"> <li>a. Close or cover the resin delivery system to the doctor box on each SMC manufacturing machine. The doctor box itself may be open.</li> <li>b. Use a nylon containing film to enclose SMC.</li> </ul>

- b. The permittee shall operate a VOC emission control system that reduces the VOC emissions from the SMC manufacturing machine by at least 95% by weight.
- c. The permittee shall operate and maintain a permanent total enclosure for this emissions unit at all times that the unit is in operation.
- d. The permanent total enclosure shall be maintained at the minimum pressure differential (inches of water) established during the most recent emission test that demonstrated the emissions unit was in compliance.
- e. The permittee shall operate and maintain a continuous temperature monitor and recorder which measures and records the combustion temperature within the regenerative thermal oxidizer when the emissions unit is in operation. Units shall be in degrees Fahrenheit. The monitoring and recording devices shall be capable of accurately measuring the desired parameter. The temperature monitor and recorder shall be operated and maintained in accordance with the manufacturer's recommendations, with any modifications deemed necessary by the permittee.
- f. The average combustion temperature within the regenerative thermal oxidizer, when the emissions unit is in operation, shall not be more than 50 degrees Fahrenheit below the average temperature during the most recent emission test that demonstrated that the emissions unit was in compliance.
- g. The work practice standards that apply to this emissions unit are identified in Table 4 to Subpart WWWW of 40 CFR Part 63 - "Work Practice Standards".
- h. Table 15 to Subpart WWWW of 40 CFR Part 63 - "Applicability of General Provisions (Subpart A) to Subpart WWWW of Part 63" identifies which parts of the General Provisions in 40 CFR Part 63.1-16 apply.

c) Operational Restrictions

- (1) The permittee shall comply with the applicable operational restrictions necessary to demonstrate compliance with 40 CFR Part 63, Subpart WWWW.

[OAC rule 3745-77-07(A)(1) and 40 CFR Part 63, Subpart WWWW]

- (2) The permittee shall comply with the applicable operational restrictions necessary to demonstrate compliance with 40 CFR Part 63, Subpart A.

[OAC rule 3745-77-07(A)(1) and 40 CFR Part 63, Subpart A]

d) Monitoring and Recordkeeping Requirements

- (1) The permittee shall collect and record the following information for each day for the control equipment:
  - a. The average daily combustion temperature within the regenerative thermal oxidizer.
  - b. Any day during which the average combustion temperature within the regenerative thermal oxidizer, when the emissions unit was in operation, was more than 50 degrees Fahrenheit below the average temperature during the most recent emission test that demonstrated that the emissions unit was in compliance.
  - c. A log of the downtime for the capture (collection) system, control device, and monitoring equipment, when the associated emissions unit was in operation.

[OAC rule 3745-77-07(C)(1) and P0108647]

- (2) The permittee shall operate and maintain the monitoring device which simultaneously measures the pressure inside and outside the permanent total enclosure. The monitoring device shall be operated continuously when the emissions unit is in operation. The monitoring device shall be operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manuals.

[OAC rule 3745-77-07(C)(1) and P0108647]

- (3) The permittee shall record on a daily basis the difference in pressure between the permanent total enclosure and the surrounding area(s).

[OAC rule 3745-77-07(C)(1) and P0108647]

- (4) The permittee shall collect and record the following information for each day for this emissions unit:
  - a. The company identification for each sheet molding compound employed.
  - b. The number of pounds of each sheet molding compound employed.
  - c. The number of pounds of all sheet molding compounds employed.
  - d. The total controlled organic compound emission rate for all sheet molding compounds, in pounds or tons (i.e., the value from (c) multiplied by the emission factor (in pounds of organic compounds per ton of sheet molding compound employed) established during the most recent performance test that demonstrated that the emissions unit was in compliance).

[OAC rule 3745-77-07(C)(1) and P0108647]

- (5) The permittee shall maintain the records necessary to demonstrate compliance with the applicable add-on control device and work practice standards for OAC rule 3745-21-25 in accordance with OAC rules 3745-21-25(O) and 3745-21-25(P).

[OAC rule 3745-77-07(C)(1) and OAC rule 3745-21-25]

- (6) The permittee shall comply with the applicable monitoring and/or recordkeeping requirements necessary to demonstrate compliance with 40 CFR Part 63, Subpart WWWW.

[OAC rule 3745-77-07(C)(1) and 40 CFR Part 63, Subpart WWWW]

- (7) The permittee shall comply with the applicable monitoring and/or recordkeeping requirements necessary to demonstrate compliance with 40 CFR Part 63, Subpart A.

[OAC rule 3745-77-07(C)(1) and 40 CFR Part 63, Subpart A]

e) Reporting Requirements

- (1) The permittee shall submit quarterly deviation (excursion) reports that identify the following:

- a. Any day during which the average combustion temperature within the thermal incinerator, when the emissions unit was in operation, was more than 50 degrees Fahrenheit below the average temperature during the most recent performance test that demonstrated the emissions unit was in compliance.
- b. Any day during which the permanent total enclosure was not maintained at the minimum pressure differential (inches of water) established during the most recent emission test that demonstrated the emissions unit was in compliance.
- c. Any daily record showing that the calculated, actual daily organic compound emissions from this emissions unit exceeded the allowable daily organic compound emission limitation specified in section b)(1).
- d. A log of the downtime for the capture (collection) system, control device, and monitoring equipment, when the associated emissions unit was in operation.

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

[OAC rule 3745-15-03(B)(1)(a), OAC rule 3745-15-03(C) and OAC rule 3745-77-07(A)(3)(c)]

- (2) The permittee shall submit semi-annual compliance status reports in accordance with OAC rule 3745-21-25(Q).

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

- (3) The permittee shall comply with the applicable reporting requirements necessary to demonstrate compliance with 40 CFR Part 63, Subpart WWWW.

[OAC rule 3745-77-07(C)(1) and 40 CFR Part 63, Subpart WWWW]

- (4) The permittee shall comply with the applicable reporting requirements necessary to demonstrate compliance with 40 CFR Part 63, Subpart A.

[OAC rule 3745-77-07(C)(1) and 40 CFR Part 63, Subpart A]

- (5) Unless other arrangements have been approved by the Director, all notifications and reports shall be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal.

[OAC rule 3745-77-07(C)(1)]

f) Testing Requirements

- (1) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:

- a. The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:

i. The emission testing shall be conducted approximately 2.5 years after permit issuance.

ii. The emission testing shall be conducted to demonstrate compliance with the 95%, by weight, control efficiency requirements specified in section b). The permittee has previously demonstrated that the permanent total enclosure serving this emissions unit satisfies the criteria for a permanent total enclosure as specified in 40 CFR Part 51, Appendix M, Method 204 (P007 was the only emissions unit utilizing the permanent total enclosure during the most recent compliance demonstration).

iii. The test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the Ohio EPA, Central District Office.

iv. The control efficiency (i.e., the percent reduction in mass emissions between the inlet and outlet of the control system) shall be determined in accordance with the test methods and procedures specified in OAC rule 3745-21-10. The test methods and procedures selected shall be based on a consideration of the diversity of the organic species present and their total concentration, and on a consideration of the potential presence of interfering gases.

v. Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA, Central District Office. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA, Central District Office's refusal to accept the results of the emission test(s).

Personnel from the Ohio EPA, Central District Office shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

A comprehensive written report on the results of the emission test(s) shall be signed by the person or persons responsible for the tests and submitted to the Ohio EPA, Central District Office within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the Ohio EPA, Central District Office.

b. Emissions Limitation

Organic compound emissions shall not exceed 44.2 pounds per day.

Applicable Compliance Method

Compliance with this emission limitation shall be based upon the records required pursuant to section d)(4). Formulation data or U.S. EPA Method 24 shall be used to determine the organic compound contents of the coatings.

- (2) The permittee shall comply with the applicable testing requirements necessary to demonstrate compliance with 40 CFR Part 63, Subpart WWWW.
- (3) The permittee shall comply with the applicable testing requirements necessary to demonstrate compliance with 40 CFR Part 63, Subpart A.

g) Miscellaneous Requirements

- (1) None.



2. P046, SMC Maturation Room

Operations, Property and/or Equipment Description:

SMC Maturation Room

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 operation(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 are identified below. 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) (PTI 01-6439)	Organic compound emissions shall not exceed 30 pounds per day.  See d)(1) and e)(1) below.

(2) Additional Terms and Conditions

a. None.

c) Operational Restrictions

(1) None.

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall maintain the following monthly records for this emissions unit:

- a. The tons of products processed in the SMC maturation room.
- b. The total number of days during the month that products were processed in the SMC maturation room.
- c. The average tons of products processed in the SMC maturation room per day (i.e., (a) divided by (b)).
- d. The total organic compound emission rate, in pounds per day (i.e., (c) multiplied by an emission factor of 0.00175 pound of organic compounds per hour per ton of product stored). This emission factor was developed from data obtained during a compliance demonstration performed on January 28, 1994.

[OAC rule 3745-77-07(C)(1) and PTI 01-6439]



e) Reporting Requirements

- (1) The permittee shall submit annual reports that identify any exceedances of the 30 pounds of organic compounds per day limitation, as well as the corrective actions that were taken to achieve compliance. These reports shall be submitted by January 31 of each year for the previous year (January through December).

[OAC rule 3745-77-07(C)(1) and PTI 01-6439]

- (2) Unless other arrangements have been approved by the Director, all notifications and reports shall be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal.

[OAC rule 3745-77-07(C)(1)]

f) Testing Requirements

- (1) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:

a. Emissions Limitation

Organic compound emissions shall not exceed 30 pounds per day.

Applicable Compliance Method

Compliance with this emission limitation shall be determined based upon the records required pursuant to section d)(1).

g) Miscellaneous Requirements

- (1) None.



3. R006, Batch Paint Booth #2

Operations, Property and/or Equipment Description:

Sunshade Assembly Paint Booth

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 operation(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 are identified below. 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) (PTI P0107962)	Volatile organic compound emissions shall not exceed 40 lb/day.  See d)(1) and e)(1)a. below.
b.	OAC rule 3745-17-11(C)	See c)(1), c)(2), d)(2) through (6) and e)(1)b. below.
c.	40 CFR Part 63, Subpart PPPP	Organic hazardous air pollutant emissions shall not exceed 0.16 pound per pound of coating solids used during each 12-month compliance period.  See c)(3), d)(7) and e)(2) below.
d.	40 CFR Part 63, Subpart A	See b)(2)a., c)(4), d)(8) and e)(3) below.

(2) Additional Terms and Conditions

a. Table 2 to Subpart PPPP of 40 CFR Part 63 - "Applicability of General Provisions (Subpart A) to Subpart PPPP of Part 63" identifies which parts of the General Provisions in 40 CFR Part 63.1-16 apply.

c) Operational Restrictions

(1) The permittee shall operate the dry filtration system for the control of particulate emissions whenever this emissions unit is in operation and shall maintain the dry particulate filter in accordance with the manufacturer's recommendations, instructions, and/or operating manual(s), with any modifications deemed necessary by the permittee.

[OAC rule 3745-77-07(A)(1) and OAC rule 3745-17-11(C)]

- (2) In the event the particulate filter system is not operating in accordance with the manufacturer's recommendations, instructions, or operating manual, with any modifications deemed necessary by the permittee, the control device shall be expeditiously repaired or otherwise returned to these documented operating conditions.

[OAC rule 3745-77-07(A)(1) and OAC rule 3745-17-11(C)]

- (3) The permittee shall comply with the applicable operational restrictions necessary to demonstrate compliance with 40 CFR Part 63, Subpart PPPP.

[OAC rule 3745-77-07(A)(1) and 40 CFR Part 63, Subpart PPPP]

- (4) The permittee shall comply with the applicable operational restrictions necessary to demonstrate compliance with 40 CFR Part 63, Subpart A.

[OAC rule 3745-77-07(A)(1) and 40 CFR Part 63, Subpart A]

d) **Monitoring and/or Recordkeeping Requirements**

- (1) The permittee shall maintain daily records of the following for the emissions units:
- a. the company identification number for each coating and cleanup material employed;
  - b. the total number of gallons of coating and cleanup material employed;
  - c. the VOC content of each coating and cleanup material employed, in pounds per gallon; and
  - d. the total VOC emissions from the emissions units for all coatings and cleanup materials employed, in pounds.

[OAC rule 3745-77-07(C)(1) and PTI P0107962]

- (2) The permittee shall maintain documentation of the manufacturer's recommendations, instructions, or operating manuals for the dry particulate filter, along with documentation of any modifications deemed necessary by the permittee. These documents shall be maintained at the facility and shall be made available to the appropriate Ohio EPA District Office or local air agency upon request.

[OAC rule 3745-77-07(C)(1) and OAC 3745-17-11(C)(2)(a)]

- (3) The permittee shall conduct periodic inspections of the dry particulate filter to determine whether it is operating in accordance with the manufacturer's recommendations, instructions, or operating manuals with any modifications deemed necessary by the permittee or operator. These inspections shall be performed at a frequency that shall be based upon the recommendation of the manufacturer and the permittee shall maintain a copy of the manufacturer's recommended inspection frequency and it shall be made available to the Ohio EPA upon request.

[OAC rule 3745-77-07(C)(1) and OAC 3745-17-11(C)(2)(c)]

- (4) In addition to the recommended periodic inspections, not less than once each calendar year the permittee shall conduct a comprehensive inspection of the dry particulate filter while the emissions unit is shut down and perform any needed maintenance and repair to ensure that it is operated in accordance with the manufacturer's recommendations.

[OAC rule 3745-77-07(C)(1) and OAC 3745-17-11(C)(2)(c)]

- (5) The permittee shall document each inspection (periodic and annual) of the dry particulate filter system and shall maintain the following information:
- a. the date of the inspection;
  - b. a description of each/any problem identified and the date it was corrected;
  - c. a description of any maintenance and repairs performed; and
  - d. the name of person who performed the inspection.

These records shall be maintained at the facility for not less than five years from the date the inspection and any necessary maintenance or repairs were completed and shall be made available to the appropriate Ohio EPA District Office or local air agency upon request.

[OAC rule 3745-77-07(C)(1) and OAC rule 3745-17-11(C)(2)(d) and (f)]

- (6) The permittee shall maintain records that document any time periods when the dry particulate filter was not in service when the emissions unit(s) was/were in operation, as well as, a record of all operations during which the dry particulate filter was not operated according to the manufacturer's recommendations with any documented modifications made by the permittee. These records shall be maintained for a period of not less than five years and shall be made available to the Ohio EPA upon request.

[OAC rule 3745-77-07(C)(1) and OAC rule 3745-17-11(C)(2)(e), (f), and (g)]

- (7) The permittee shall comply with the applicable monitoring and/or recordkeeping requirements necessary to demonstrate compliance with 40 CFR Part 63, Subpart PPPP.

[OAC rule 3745-77-07(C)(1) and 40 CFR Part 63, Subpart PPPP]

- (8) The permittee shall comply with the applicable monitoring and/or recordkeeping requirements necessary to demonstrate compliance with 40 CFR Part 63, Subpart A.

[OAC rule 3745-77-07(C)(1) and 40 CFR Part 63, Subpart A]

e) Reporting Requirements

- (1) The permittee shall submit quarterly deviation (excursion) reports that identify the following:
- a. all exceedances of the 40 lb/day emission limitation for VOC; and



- b. any daily record showing that the dry particulate filter system was not in service or not operated according to manufacturer's recommendations (with any documented modifications made by the permittee) when the emissions unit(s) was/were in operation.

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

[OAC rule 3745-15-03(B)(1)(a), OAC rule 3745-15-03(C) and OAC rule 3745-77-07(A)(3)(c)]

- (2) The permittee shall comply with the applicable reporting requirements necessary to demonstrate compliance with 40 CFR Part 63, Subpart PPPP.

[OAC rule 3745-77-07(C)(1) and 40 CFR Part 63, Subpart PPPP]

- (3) The permittee shall comply with the applicable reporting requirements necessary to demonstrate compliance with 40 CFR Part 63, Subpart A.

[OAC rule 3745-77-07(C)(1) and 40 CFR Part 63, Subpart A]

- (4) Unless other arrangements have been approved by the Director, all notifications and reports shall be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal.

[OAC rule 3745-77-07(C)(1)]

f) Testing Requirements

- (1) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:

- a. Emissions Limitation

VOC emissions shall not exceed 40 lb/day.

- a. Applicable Compliance Method

Compliance shall be determined by the monitoring and recordkeeping established in section d)(1).

- (2) The permittee shall comply with the applicable testing requirements necessary to demonstrate compliance with 40 CFR Part 63, Subpart PPPP.
- (3) The permittee shall comply with the applicable testing requirements necessary to demonstrate compliance with 40 CFR Part 63, Subpart A.

g) Miscellaneous Requirements

- (1) None.



2. R009, MD paintline with Oven

Operations, Property and/or Equipment Description:

MD Line w/oven controlled by an RTO

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 operation(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 are identified below. 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) (PTI P0107106)	<p>Volatile organic compound (VOC) emissions shall not exceed 21.9 tons per year based upon a rolling, 12-month summation.</p> <p>See d)(1) and e)(1)a. below.</p>
b.	OAC rule 3745-31-05(A)(3), as effective 11/30/2001	<p>Particulate emissions shall not exceed 0.04 pounds per hour and 0.17 tons per year.</p> <p>See b)(2)a. below.</p>
c.	OAC rule 3745-31-05(A)(3), as effective 12/01/2006	See b)(2)b. below.
d.	OAC rule 3745-17-11(C)	See c)(1), c)(2), d)(2) through (6) and e)(1)b. below.
e.	40 CFR Part 63, Subpart PPPP	<p>Organic hazardous air pollutant emissions shall not exceed 0.16 pound per pound of coating solids used during each 12-month compliance period.</p> <p>See c)(3), d)(7) and e)(2) below.</p>
f.	40 CFR Part 63, Subpart A	See b)(2)c., c)(4), d)(8) and e)(3) below.

(2) Additional Terms and Conditions

a. The permittee has satisfied the Best Available Technology (BAT) requirements for particulates pursuant to Ohio Administrative Code (OAC) paragraph 3745-31-05(A)(3), as effective November 30, 2001, in this permit. On December 1, 2006, paragraph (A)(3) of OAC rule 3745-31-05 was revised to conform to the Ohio

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Revised Code (ORC) changes effective August 3, 2006 (Senate Bill 265 changes), such that BAT is no longer required by State regulations for National Ambient Air Quality Standards (NAAQS) pollutant(s) less than ten tons per year. However, that rule revision has not yet been approved by U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Therefore, until the SIP revision occurs and the U.S. EPA approves the revisions to OAC rule 3745-31-05, the requirement to satisfy BAT still exists as part of the federally-approved SIP for Ohio. Once U.S. EPA approves the December 1, 2006 version of OAC rule 3745-31-05, these particulate emission limitations/control measures no longer apply.

- b. The following paragraph will apply once U.S. EPA approves the December 1, 2006 version of OAC rule 3745-31-05 as part of the SIP:
  - i. The BAT requirements under OAC rule 3745-31-05(A)(3) do not apply to the particulate emissions for this emissions unit because the potential to emit, taking into consideration the control requirements established under OAC rule 3745-17-11(C), is less than 10 tons per year.
- c. Table 2 to Subpart PPPP of 40 CFR Part 63 - "Applicability of General Provisions (Subpart A) to Subpart PPPP of Part 63" identifies which parts of the General Provisions in 40 CFR Part 63.1-16 apply.
- d. The VOC emissions limits in this permit assume 100% of the VOC emissions in the unit are emitted in the spray booth.

c) Operational Restrictions

- (1) The permittee shall operate the dry filtration system for the control of particulate emissions whenever this emissions unit is in operation and shall maintain the dry particulate filter in accordance with the manufacturer's recommendations, instructions, and/or operating manual(s), with any modifications deemed necessary by the permittee.  
[OAC rule 3745-77-07(A)(1) and OAC rule 3745-17-11(C)]
- (2) In the event the particulate filter system is not operating in accordance with the manufacturer's recommendations, instructions, or operating manual, with any modifications deemed necessary by the permittee, the control device shall be expeditiously repaired or otherwise returned to these documented operating conditions.  
[OAC rule 3745-77-07(A)(1) and OAC rule 3745-17-11(C)]
- (3) The permittee shall comply with the applicable operational restrictions necessary to demonstrate compliance with 40 CFR Part 63, Subpart PPPP.  
[OAC rule 3745-77-07(A)(1) and 40 CFR Part 63, Subpart PPPP]
- (4) The permittee shall comply with the applicable operational restrictions necessary to demonstrate compliance with 40 CFR Part 63, Subpart A.  
[OAC rule 3745-77-07(A)(1) and 40 CFR Part 63, Subpart A]

d) **Monitoring and/or Recordkeeping Requirements**

- (1) The permittee shall maintain monthly records of the following for the emissions units:
- a. the company identification number for each coating and cleanup material employed;
  - b. the total number of gallons of coating and cleanup material employed;
  - c. the VOC content of each coating and cleanup material employed, in pounds per gallon;
  - d. the total VOC emissions from the emissions units for all coatings and cleanup materials employed, in pounds;
  - e. the updated rolling, 12-month summation of the total VOC emissions in pounds or tons. This shall include the information for the current month and the preceding eleven calendar months.

[OAC rule 3745-77-07(C)(1) and PTI P0107106]

- (2) The permittee shall maintain documentation of the manufacturer's recommendations, instructions, or operating manuals for the dry particulate filter, along with documentation of any modifications deemed necessary by the permittee. These documents shall be maintained at the facility and shall be made available to the appropriate Ohio EPA District Office or local air agency upon request.

[OAC rule 3745-77-07(C)(1) and OAC 3745-17-11(C)(2)(a)]

- (3) The permittee shall conduct periodic inspections of the dry particulate filter to determine whether it is operating in accordance with the manufacturer's recommendations, instructions, or operating manuals with any modifications deemed necessary by the permittee or operator. These inspections shall be performed at a frequency that shall be based upon the recommendation of the manufacturer and the permittee shall maintain a copy of the manufacturer's recommended inspection frequency and it shall be made available to the Ohio EPA upon request.

[OAC rule 3745-77-07(C)(1) and OAC rule 3745-17-11(C)(2)(c)]

- (4) In addition to the recommended periodic inspections, not less than once each calendar year the permittee shall conduct a comprehensive inspection of the dry particulate filter while the emissions unit is shut down and perform any needed maintenance and repair to ensure that it is operated in accordance with the manufacturer's recommendations.

[OAC rule 3745-77-07(C)(1) and OAC rule 3745-17-11(C)(2)(c)]

- (5) The permittee shall document each inspection (periodic and annual) of the dry particulate filter system and shall maintain the following information:
- a. the date of the inspection;
  - b. a description of each/any problem identified and the date it was corrected;
  - c. a description of any maintenance and repairs performed; and

- d. the name of person who performed the inspection.

These records shall be maintained at the facility for not less than five years from the date the inspection and any necessary maintenance or repairs were completed and shall be made available to the appropriate Ohio EPA District Office or local air agency upon request.

[OAC rule 3745-77-07(C)(1) and OAC rule 3745-17-11(C)(2)(d) and (f)]

- (6) The permittee shall maintain records that document any time periods when the dry particulate filter was not in service when the emissions unit(s) was/were in operation, as well as, a record of all operations during which the dry particulate filter was not operated according to the manufacturer's recommendations with any documented modifications made by the permittee. These records shall be maintained for a period of not less than five years and shall be made available to the Ohio EPA upon request.

[OAC rule 3745-77-07(C)(1) and OAC rule 3745-17-11(C)(2)(e),(f), and (g)]

- (7) The permittee shall comply with the applicable monitoring and/or recordkeeping requirements necessary to demonstrate compliance with 40 CFR Part 63, Subpart PPPP.

[OAC rule 3745-77-07(C)(1) and 40 CFR Part 63, Subpart PPPP]

- (8) The permittee shall comply with the applicable monitoring and/or recordkeeping requirements necessary to demonstrate compliance with 40 CFR Part 63, Subpart A.

[OAC rule 3745-77-07(C)(1) and 40 CFR Part 63, Subpart A]

e) Reporting Requirements

- (1) The permittee shall submit quarterly deviation (excursion) reports that identify the following:

- a. all exceedances of the rolling, 12-month summation emission limitation for VOC; and
- b. any daily record showing that the dry particulate filter system was not in service or not operated according to manufacturer's recommendations (with any documented modifications made by the permittee) when the emissions unit(s) was/were in operation.

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

[OAC rule 3745-15-03(B)(1)(a), OAC rule 3745-15-03(C) and OAC rule 3745-77-07(A)(3)(c)]

- (2) The permittee shall comply with the applicable reporting requirements necessary to demonstrate compliance with 40 CFR Part 63, Subpart PPPP.

[OAC rule 3745-77-07(C)(1) and 40 CFR Part 63, Subpart PPPP]



- (3) The permittee shall comply with the applicable reporting requirements necessary to demonstrate compliance with 40 CFR Part 63, Subpart A.

[OAC rule 3745-77-07(C)(1) and 40 CFR Part 63, Subpart A]

- (4) Unless other arrangements have been approved by the Director, all notifications and reports shall be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal.

[OAC rule 3745-77-07(C)(1)]

f) Testing Requirements

- (1) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:

a. Emissions Limitation

VOC emissions shall not exceed 21.9 tons per year based upon a rolling, 12-month summation.

Applicable Compliance Method

Compliance shall be determined by the monitoring and recordkeeping established in section d)(1).

b. Emissions Limitations

Particulate emissions shall not exceed 0.04 lb/hr and 0.17 ton/yr.

Applicable Compliance Method

This emission limit is established to reflect the control efficiency of the fabric filter which is required by OAC rule 3745-17-11. No testing is necessary to demonstrate compliance with this limit.

Coating density: 8.97 lb/gal  
Solids content: 52.66%  
Usage rate: 2.00 gal/hr  
Usage rate: 17,520 gal/yr

$$17,520 \text{ gal/yr} \times 8.97 \text{ lb/gal} \times 52.66\% / 8,760 \text{ hours} = 9.45 \text{ lb/hr}$$

Uncontrolled mass emission rate = 9.45 lb/hr  
Transfer efficiency = 60% (1-.6)  
Control efficiency = 99% (1-.99)

$$9.45 \text{ lb/hr} \times 0.4 \times 0.01 = 0.04 \text{ lb/hr}$$

$$0.04 \text{ lb/hr} \times 8,760 \text{ hours} / 2000 \text{ lb/ton} = 0.17 \text{ ton/yr}$$



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- (2) The permittee shall comply with the applicable testing requirements necessary to demonstrate compliance with 40 CFR Part 63, Subpart PPPP.
  - (3) The permittee shall comply with the applicable testing requirements necessary to demonstrate compliance with 40 CFR Part 63, Subpart A.
- g) Miscellaneous Requirements
- (1) None.



3. R011, PACCAR Paint Booth

Operations, Property and/or Equipment Description:

Paccar paint booth

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 operation(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 are identified below. 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) (P0109323)	<p>Volatile organic compound (VOC) emissions shall not exceed 5.5 lb/hr.</p> <p>Visible particulate emissions (PE) shall not exceed 5% opacity.</p> <p>See b)(2)a. and e)(1)a. below.</p>
b.	OAC rule 3745-17-11(C)	See c)(1), c)(2), d)(1) through (5) and e)(1)b. below.
c.	40 CFR Part 63, Subpart PPPP	<p>Organic hazardous air pollutant emissions shall not exceed 0.16 pound per pound of coating solids used during each 12-month compliance period.</p> <p>See c)(3), d)(6) and e)(2) below.</p>
d.	40 CFR Part 63, Subpart A	See b)(2)b., c)(4), d)(7) and e)(3) below.

(2) Additional Terms and Conditions

a. The 5.5lb/hr VOC limitation was established to reflect the potential to emit for this emissions unit in accordance with the information provided in the permit application. It is not necessary to develop recordkeeping and/or reporting requirements to ensure compliance with this limitation.

b. Table 2 to Subpart PPPP of 40 CFR Part 63 - "Applicability of General Provisions (Subpart A) to Subpart PPPP of Part 63" identifies which parts of the General Provisions in 40 CFR Part 63.1-16 apply.

c) Operational Restrictions

- (1) The permittee shall operate the dry filtration system for the control of particulate emissions whenever this emissions unit is in operation and shall maintain the dry particulate filter in accordance with the manufacturer's recommendations, instructions, and/or operating manual(s), with any modifications deemed necessary by the permittee.

[OAC rule 3745-77-07(A)(1) and OAC rule 3745-17-11(C)]

- (2) In the event the particulate filter system is not operating in accordance with the manufacturer's recommendations, instructions, or operating manual, with any modifications deemed necessary by the permittee, the control device shall be expeditiously repaired or otherwise returned to these documented operating conditions.

[OAC rule 3745-77-07(A)(1) and OAC rule 3745-17-11(C)]

- (3) The permittee shall comply with the applicable operational restrictions necessary to demonstrate compliance with 40 CFR Part 63, Subpart PPPP.

[OAC rule 3745-77-07(A)(1) and 40 CFR Part 63, Subpart PPPP]

- (4) The permittee shall comply with the applicable operational restrictions necessary to demonstrate compliance with 40 CFR Part 63, Subpart A.

[OAC rule 3745-77-07(A)(1) and 40 CFR Part 63, Subpart A]

d) **Monitoring and/or Recordkeeping Requirements**

- (1) The permittee shall maintain documentation of the manufacturer's recommendations, instructions, or operating manuals for the dry particulate filter, along with documentation of any modifications deemed necessary by the permittee. These documents shall be maintained at the facility and shall be made available to the Ohio EPA, Central District Office upon request.

[OAC rule 3745-77-07(C)(1) and OAC 3745-17-11(C)(2)(a)]

- (2) The permittee shall conduct periodic inspections of the dry particulate filter to determine whether it is operating in accordance with the manufacturer's recommendations, instructions, or operating manuals with any modifications deemed necessary by the permittee or operator. These inspections shall be performed at a frequency that shall be based upon the recommendation of the manufacturer and the permittee shall maintain a copy of the manufacturer's recommended inspection frequency and it shall be made available to the Ohio EPA upon request.

[OAC rule 3745-77-07(C)(1) and OAC rule 3745-17-11(C)(2)(c)]

- (3) In addition to the recommended periodic inspections, not less than once each calendar year the permittee shall conduct a comprehensive inspection of the dry particulate filter while the emissions unit is shut down and perform any needed maintenance and repair to ensure that it is operated in accordance with the manufacturer's recommendations.

[OAC rule 3745-77-07(C)(1) and OAC rule 3745-17-11(C)(2)(c)]

- (4) The permittee shall document each inspection (periodic and annual) of the dry particulate filter system and shall maintain the following information:
- a. the date of the inspection;
  - b. a description of each/any problem identified and the date it was corrected;
  - c. a description of any maintenance and repairs performed; and
  - d. the name of person who performed the inspection.

These records shall be maintained at the facility for not less than five years from the date the inspection and any necessary maintenance or repairs were completed and shall be made available to the Ohio EPA, Central District Office upon request.

[OAC rule 3745-77-07(C)(1) and OAC rule 3745-17-11(C)(2)(d) and (f)]

- (5) The permittee shall maintain records that document any time periods when the dry particulate filter was not in service when the emissions unit(s) was/were in operation, as well as, a record of all operations during which the dry particulate filter was not operated according to the manufacturer's recommendations with any documented modifications made by the permittee. These records shall be maintained for a period of not less than five years and shall be made available to the Ohio EPA upon request.

[OAC rule 3745-77-07(C)(1) and OAC rule 3745-17-11(C)(2)(e),(f), and (g)]

- (6) The permittee shall comply with the applicable monitoring and/or recordkeeping requirements necessary to demonstrate compliance with 40 CFR Part 63, Subpart PPPP.

[OAC rule 3745-77-07(C)(1) and 40 CFR Part 63, Subpart PPPP]

- (7) The permittee shall comply with the applicable monitoring and/or recordkeeping requirements necessary to demonstrate compliance with 40 CFR Part 63, Subpart A.

[OAC rule 3745-77-07(C)(1) and 40 CFR Part 63, Subpart A]

e) Reporting Requirements

- (1) The permittee shall submit quarterly deviation (excursion) reports that identify the following:
- a. any daily record showing that the dry particulate filter system was not in service or not operated according to manufacturer's recommendations (with any documented modifications made by the permittee) when the emissions unit(s) was/were in operation.

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

[OAC rule 3745-15-03(B)(1)(a), OAC rule 3745-15-03(C) and OAC rule 3745-77-07(A)(3)(c)]

- (2) The permittee shall comply with the applicable reporting requirements necessary to demonstrate compliance with 40 CFR Part 63, Subpart PPPP.

[OAC rule 3745-77-07(C)(1) and 40 CFR Part 63, Subpart PPPP]

- (3) The permittee shall comply with the applicable reporting requirements necessary to demonstrate compliance with 40 CFR Part 63, Subpart A.

[OAC rule 3745-77-07(C)(1) and 40 CFR Part 63, Subpart A]

- (4) Unless other arrangements have been approved by the Director, all notifications and reports shall be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal.

[OAC rule 3745-77-07(C)(1)]

f) Testing Requirements

- (1) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:

a. Emissions Limitation

VOC emissions shall not exceed 5.5 lb/hr.

Applicable Compliance Method

The hourly VOC limit was established based on a maximum coating usage of 1.00 gallons per hour and a maximum coating VOC content of 5.5 pounds per gallon.

b. Emissions Limitation

Visible particulate emissions from the stack shall not exceed 5%.

Applicable Compliance Method

Compliance shall be determined through visible emissions observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9 and the procedures specified in OAC rule 3745-17-03(B)(1).

- (2) The permittee shall comply with the applicable testing requirements necessary to demonstrate compliance with 40 CFR Part 63, Subpart PPPP.

- (3) The permittee shall comply with the applicable testing requirements necessary to demonstrate compliance with 40 CFR Part 63, Subpart A.



**4. Emissions Unit Group -Thermoset Presses:**

P005,P008,P009,P010,P011,P012,P013,P014,P015,P016,P017,P018,P043,P044

<b>EU ID</b>	<b>Operations, Property and/or Equipment Description</b>
P005	SMC Thermosetting Press #213
P008	SMC Thermosetting Press #201
P009	SMC Thermosetting Press #202
P010	SMC Thermosetting Press #203
P011	SMC Thermosetting Press #204
P012	SMC Thermosetting Press #205
P013	SMC Thermosetting Press #206
P014	SMC Thermosetting Press #207
P015	SMC Thermosetting Press #208
P016	SMC Thermosetting Press #209
P017	SMC Thermosetting Press #210
P018	SMC Thermosetting Press #211
P043	SMC Thermosetting Press #215
P044	SMC Thermosetting Press #216

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 operation(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 are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	<b>Applicable Rules/Requirements</b>	<b>Applicable Emissions Limitations/Control Measures</b>
a.	OAC rule 3745-21-25	See b)(2)b., d)(4) and e)(2) below.
b.	OAC rule 3745-31-05(A)(3) (P0108636)	Volatile organic compound (VOC) emissions shall not exceed 40 lb/day and 7.3 ton/yr.  See d)(1), d)(2) and e)(1)a. below.
c.	OAC rule 3745-31-05(D) (P0108636)	See b)(2)a., d)(3) and e)(1)b. below.
d.	40 CFR Part 63, Subpart WWWW	See b)(2)c., c)(1), d)(5) and e)(3) below.
e.	40 CFR Part 63, Subpart A (40 CFR Part 63.1-16)	See b)(2)d., c)(2), d)(6) and e)(4) below.

(2) Additional Terms and Conditions

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- a. The aggregate organic compound emissions from emissions units P004, P005, P008, P009, P010, P011, P012, P013, P014, P015, P016, P017, P018, P042, P043, P044, and P045 shall not exceed 98 tons per year, based upon a rolling, 365-day summation of the daily emissions.
- b. The following work practice standards from Table 1 of OAC rule 3745-21-25 apply to this emissions unit:

Type of operation	Work practice standards
Cleaning operation (cleaning of equipment used in reinforced plastic composites manufacture)	Do 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.
Compression/injection molding	Uncover, unwrap or expose only onecharge per mold cycle percompression/injection molding machine.For machines with multiple molds, onecharge means sufficient material to fill allmolds for one cycle. For machines withrobotic loaders, no more than one chargemay be exposed prior to the loader. Formachines fed by hoppers, sufficientmaterial may be uncovered to fill thehopper. Hoppers shall be closed when notadding materials. Materials may beuncovered to feed to slitting machines.Materials shall be recovered after slitting.

- c. The work practice standards that apply to this emissions unit are identified in Table 4 to Subpart WWWW of 40 CFR Part 63 - "Work Practice Standards".
- d. Table 15 to Subpart WWWW of 40 CFR Part 63 - "Applicability of General Provisions (Subpart A) to Subpart WWWW of Part 63" identifies which parts of the General Provisions in 40 CFR Part 63.1-16 apply.

c) Operational Restrictions

- (1) The permittee shall comply with the applicable operational restrictions necessary to demonstrate compliance with 40 CFR Part 63, Subpart WWWW.

[OAC rule 3745-77-07(A)(1) and 40 CFR Part 63, Subpart WWWW]

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- (2) The permittee shall comply with the applicable operational restrictions necessary to demonstrate compliance with 40 CFR Part 63, Subpart A.

[OAC rule 3745-77-07(A)(1) and 40 CFR Part 63, Subpart A]

d) Monitoring and/or Recordkeeping Requirements

- (1) The permittee shall collect and record the following information for each month:

- a. The total number of pounds of mold release (MR) employed in emissions units P004, P005, P008, P009, P010, P011, P012, P013, P014, P015, P016, P017, P018, P042, P043, P044, and P045.
- b. For emissions units P004, P005, P008, P009, P010, P011, P012, P013, P014, P015, P016, P017, P018, P042, P043, P044, and P045, the total number of emissions units which were operated during the month.
- c. The average number of pounds of MR employed per emissions unit (i.e., (a) divided by (b)).
- d. The average number of pounds of MR employed per emissions unit per day (i.e., (c) divided by the number of days in that specific month).

[OAC rule 3745-77-07(C)(1) and P0108636]

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

- a. The company identification for the material(s) employed (i.e., sheet molding compound (SMC), in-mold compound (IMC), and MR).
- b. The number of pounds of SMC, IMC, and MR\*, as employed.  
\*From section d)(1) above.
- c. The organic compound content of each material, in pound of organic compounds per pound of material.
- d. The organic compound emission rate for SMC, IMC, and MR\*\*, in pounds of organic compounds per day.  
\*\*Multiply the average daily MR usage (from section d)(1)d. above) by the organic content of MR to determine the organic compound emission rate for MR.
- e. The total organic compound emission rate for SMC, IMC, and MR, in pounds of organic compounds per day (i.e., the summation of the pounds per day organic compound emission rates for SMC, IMC and MR).

[OAC rule 3745-77-07(C)(1) and P0108636]

- (3) The permittee also shall maintain daily records of the rolling, 365-day total organic compound emissions from emissions units P004, P005, P008, P009, P010, P011, P012, P013, P014, P015, P016, P017, P018, P042, P043, P044, and P045, in tons per year.

[OAC rule 3745-77-07(C)(1) and P0108636]

- (4) The permittee shall maintain the records necessary to demonstrate compliance with the applicable work practice standards for OAC rule 3745-21-25 in accordance with OAC rule 3745-21-25(P).

[OAC rule 3745-77-07(C)(1) and OAC rule 3745-21-25]

- (5) The permittee shall comply with the applicable monitoring and/or recordkeeping requirements necessary to demonstrate compliance with 40 CFR Part 63, Subpart WWWW.

[OAC rule 3745-77-07(C)(1) and 40 CFR Part 63, Subpart WWWW]

- (6) The permittee shall comply with the applicable monitoring and/or recordkeeping requirements necessary to demonstrate compliance with 40 CFR Part 63, Subpart A.

[OAC rule 3745-77-07(C)(1) and 40 CFR Part 63, Subpart A]

e) Reporting Requirements

- (1) The permittee shall submit quarterly deviation (excursion) reports that identify the following:

- a. An identification of each day during which the organic compound emission rate for this emissions unit exceeded 40 pounds per day and the actual organic compound emission rate for each such day; and
- b. An identification of each day during which the rolling, 365-day total organic compound emissions for emissions units P004, P005, P008, P009, P010, P011, P012, P013, P014, P015, P016, P017, P018, P042, P043, P044, and P045 exceeded 98 tons and the actual rolling, 365-day value for each such day.

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

[OAC rule 3745-15-03(B)(1)(a), OAC rule 3745-15-03(C) and OAC rule 3745-77-07(A)(3)(c)]

- (2) The permittee shall submit semi-annual compliance status reports in accordance with OAC rule 3745-21-25(Q).

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

- (3) The permittee shall comply with the applicable reporting requirements necessary to demonstrate compliance with 40 CFR Part 63, Subpart WWWW.

[OAC rule 3745-77-07(C)(1) and 40 CFR Part 63, Subpart WWWW]

- (4) The permittee shall comply with the applicable reporting requirements necessary to demonstrate compliance with 40 CFR Part 63, Subpart A.

[OAC rule 3745-77-07(C)(1) and 40 CFR Part 63, Subpart A]

- (5) Unless other arrangements have been approved by the Director, all notifications and reports shall be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal.

[OAC rule 3745-77-07(C)(1)]

f) Testing Requirements

- (1) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:

a. Emissions Limitation

VOC emissions shall not exceed 40 lb/day and 7.3 ton/yr.

Applicable Compliance Method

Compliance shall be determined by the monitoring and recordkeeping established in sections d)(1) and d)(2).

b. Emissions Limitation

The aggregate organic compound emissions from emissions units P004, P005, P008, P009, P010, P011, P012, P013, P014, P015, P016, P017, P018, P042, P043, P044, and P045 shall not exceed 98 tons per year, based upon a rolling, 365-day summation of the daily emissions.

Applicable Compliance Method

Compliance with the annual limit shall be determined by the daily rolling, 365-day summation established in section d)(3).

- (2) The permittee shall comply with the applicable testing requirements necessary to demonstrate compliance with 40 CFR Part 63, Subpart WWWW.
- (3) The permittee shall comply with the applicable testing requirements necessary to demonstrate compliance with 40 CFR Part 63, Subpart A.

g) Miscellaneous Requirements

- (1) None.