



State of Ohio Environmental Protection Agency

Street Address:

Lazarus Gov. Center
122 S. Front Street
Columbus, OH 43215

TELE: (614) 644-3020 FAX: (614) 644-2329

Mailing Address:

Lazarus Gov. Center
P.O. Box 1049
Columbus, OH 43216-1049

05/30/03

CERTIFIED MAIL

RE: Final Title V Chapter 3745-77 permit

01-25-04-1046
Core Materials Corporation
James Simonton
800 Manor Park Drive
P.O. Box 28183
Columbus, OH 43228-0183

Dear James Simonton:

Enclosed is the Title V permit that allows you to operate the facility in the manner indicated in the permit. Because this permit may contain several conditions and restrictions, we urge you to read it carefully.

The Ohio EPA is encouraging companies to investigate pollution prevention and energy conservation. Not only will this reduce pollution and energy consumption, but it can also save you money. If you would like to learn ways you can save money while protecting the environment, please contact our Office of Pollution Prevention at (614) 644-3469.

You are hereby notified that this action of the Director is final and may be appealed to the Environmental Review Appeals Commission pursuant to Section 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. It must be filed with the Environmental Review Appeals Commission within thirty (30) days after notice of the Director's action. A copy of the appeal must be served on the Director of the Ohio Environmental Protection Agency within three (3) days of filing with the Commission. It is also requested by the Director that a copy of the appeal be served upon the Environmental Enforcement Section of the Office of the Attorney General. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission
236 East Town Street
Room 300
Columbus, Ohio 43215

If you have any questions, please contact Central District Office.

Very truly yours,

Michael W. Ahern, Supervisor
Field Operations and Permit Section
Division of Air Pollution Control

cc: Central District Office
File, DAPC PMU



State of Ohio Environmental Protection Agency

FINAL TITLE V PERMIT

Issue Date: 05/30/03

Effective Date: 06/20/03

Expiration Date: 06/20/08

This document constitutes issuance of a Title V permit for Facility ID: 01-25-04-1046 to:
Core Materials Corporation
800 Manor Park
Columbus, OH 43228-0183

Emissions Unit ID (Company ID)/Emissions Unit Activity Description

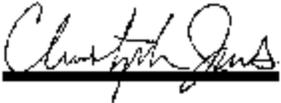
Table with 3 columns: Emissions Unit ID (Company ID), Emissions Unit Activity Description, and Emissions Unit Activity Description. Rows include units P001 through P044 and R001 through R006, detailing activities like coating, molding, and maturation.

You will be contacted approximately eighteen (18) months prior to the expiration date regarding the renewal of this permit. If you are not contacted, please contact the appropriate Ohio EPA District Office or local air agency listed below. 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. 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, provided that a complete renewal application is submitted no earlier than eighteen (18) months and no later than one-hundred eighty (180) days prior to the expiration date.

Described below is the current Ohio EPA District Office or local air agency that is responsible for processing and administering your Title V permit:

Central District Office
3232 Alum Creek Drive
PO Box 1049
Columbus, OH 43216-1049
(614) 728-3778

OHIO ENVIRONMENTAL PROTECTION AGENCY

A handwritten signature in black ink, appearing to read "Christopher Jones", is written over a solid black horizontal line.

Christopher Jones
Director

PART I - GENERAL TERMS AND CONDITIONS

A. *State and Federally Enforceable Section*

1. **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, the permittee shall maintain records that include the following, where applicable, for any required monitoring under this permit:
 - i. The date, place (as defined in the permit), and time of sampling or measurements.
 - ii. The date(s) analyses were performed.
 - iii. The company or entity that performed the analyses.
 - iv. The analytical techniques or methods used.
 - v. The results of such analyses.
 - vi. 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:
 - i. Reports of any required monitoring and/or record keeping information shall be submitted to the appropriate Ohio EPA District Office or local air agency.
(Authority for term: OAC rule 3745-77-07(A)(3)(c))
 - ii. **All reporting required in accordance with the OAC rule 3745-77-07(A)(3)(c) with respect to emission limitations, operational restrictions, and control device operating parameter limitations shall be submitted in the following manner:**
 - (a) Written reports of (i) any deviations from federally enforceable emission limitations, operational restrictions, and control device operating parameter limitations ; (ii) the probable cause of such deviations; and (iii) any corrective actions or preventive measures taken, shall be promptly made to the appropriate Ohio EPA District Office or local air agency. Except as may otherwise be provided in the terms and conditions for a specific emissions unit, i.e., in Part III of this Title V permit, the written reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year, and shall cover the previous calendar quarters. 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. These written reports shall satisfy the requirements (in part) of OAC rule 3745-77-07(A)(3)(c)(i) and (ii) pertaining to the submission of monitoring reports every six

months and the requirements (in part) of OAC rule 3745-77-07(A)(3)(c)(iii) pertaining to the prompt reporting of all deviations. See B.6 below if no deviations occurred during the quarter.

(Authority for term: OAC rules 3745-77-07(A)(3)(c)(i), (ii) and (iii))

- (b) 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 deviation reporting requirements for this Title V permit, written reports that identify each malfunction that occurred during each calendar quarter shall be submitted, at a minimum, quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year, and shall cover the previous calendar quarters.

In identifying each deviation caused by a malfunction, the permittee shall specify the applicable requirement 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. Also, if a deviation caused by a malfunction is identified in a written report submitted pursuant to paragraph (a) above, a separate report is not required for that malfunction pursuant to this paragraph. Nevertheless, all malfunctions, including those reported only verbally in accordance with OAC rule 3745-15-06, must be reported in writing, at a minimum, on a quarterly basis.

Any scheduled maintenance, as defined in OAC rule 3745-15-06(A)(1), that results in a deviation from a federally enforceable emission limitation, operational restriction, and control device operating parameter limitation shall be reported in the same manner as described above for malfunctions. These written reports for malfunctions (and scheduled maintenance projects, if appropriate) shall satisfy the requirements (in part) of OAC rule 3745-77-07(A)(3)(c)(iii) pertaining to the prompt reporting of all deviations.

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

iii. **For monitoring, record keeping, and reporting requirements:**

Written reports that identify any deviations from the federally enforceable monitoring, record keeping, and reporting requirements contained in this permit shall be submitted to the appropriate Ohio EPA District Office or local air agency every six months, i.e., by January 31 and July 31 of each year, for the previous six calendar months. 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. These semi-annual written reports shall satisfy the requirements of OAC rule 3745-77-07(A)(3)(c)(i) and (ii) pertaining to the reporting of any deviations related to the monitoring, record keeping, and reporting requirements. If no deviations occurred during a six-month period, the permittee shall submit a semi-annual report which states that no deviations occurred during that period.

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

- iv. 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))

2. 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 unit(s) 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 OAC rule 3745-15-06, 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).
(Authority for term: OAC rule 3745-77-07(A)(3)(c)(iii))

3. 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))

4. 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))

5. 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))

6. 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 A.10 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.

(Authority for term: OAC rule 3745-77-07(A)(7))

7. 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))

8. 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))

9. 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 general terms and conditions shall apply to all operating scenarios authorized in this permit.

(Authority for term: OAC rule 3745-77-07(A)(10))

10. 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))

11. 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))

12. 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:
 - i. 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.
 - ii. 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.
 - iii. Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit.
 - iv. 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:
 - i. Dates for achieving the activities, milestones, or compliance required in any schedule of compliance, and dates when such activities, milestones, or compliance were achieved.
 - ii. 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:
 - i. Compliance certifications shall be submitted annually on a calendar year basis. The annual certification shall be submitted on or before April 30th of each year during the permit term.
 - ii. 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.
 - iii. 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))

13. 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))

14. 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))

15. 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))

16. 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 emission 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.

(For purposes of clarification, the permittee can refer to Engineering Guide #63 that is available in the STARSHIP software package.)

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

17. 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.)

18. Insignificant Activities

Each insignificant activity that has one or more applicable requirements shall comply with those applicable requirements.

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

19. 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))

20. 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))

B. *State Only Enforceable Section*

1. Reporting Requirements Related to Monitoring and Record Keeping Requirements

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 quarterly, i.e., 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.)

2. Records Retention Requirements

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.

3. 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.

4. 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).

5. 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.

6. Additional Reporting Requirements When There Are No Deviations of Federally Enforceable Emission Limitations, Operational Restrictions, or Control Device Operating Parameter Limitations (See Section A of This Permit)

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 quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters.

Part II - Specific Facility Terms and Conditions

A. State and Federally Enforcable Section

None

B. State Only Enforceable Section

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

B001 - two 5.2 mmBtu/hr boilers;
B002 - boiler;
L001 through L008 - cold cleaners;
P003 - batch paint curing oven;
P006 - calcium carbonate storage silo;
P019 - robotic router #1;
P020 - robotic router #2;
P021 through P025 - blemish removing hoods 202, 203, 8300, 297, and 298;
P026 - grill router #1;
P027 - grill router #2;
P029 - air relief bag pump;
P030 - batch paint curing oven;
P037 through P040 - paint mixers 1 through 4;
R004 - robotic adhesive applicator;
T001 through T004 - resin storage tanks 1 through 4;
T005 through T010 - SMC paste tanks 1 through 6;
T011 - A paste holding tank;
T012 - A paste holding tank;
T013 - bulk tank #5;
T014 - bulk tank #6;
Z001 through Z017 - sanding/drilling/finishing areas at presses 201 through 217;
Z018 - north paint booth prep/sanding area;
Z019 - south paint booth prep/sanding area;
Z020 - sanding area at paint touch-up booth;
Z021 - fixed drill fixture area;
Z022 through Z024 - drill fixture areas 1 through 3;
Z025 - portable paint mixers;
Z026 - portable IMC mixers;
Z027 - IMC mixing system;
Z028 - SMC slitter/blanker;
Z029 - low volume robotic adhesive applicator;
Z030 through Z033 - portable adhesive applicators 1 through 4;
Z034 - HVLP touch-up gun A;
Z035 - HVLP touch-up gun B;
Z036 - maintenance department cold cleaner;
Z037 - Chesterton aqueous detergent cold cleaner;
Z038 - hi - volume assembly prep booth;
Z039 - sanding/drilling/finishing area press 218;
Z040 - QSP90 router;
Z041 - low - volume assembly router;
Z042 - low - volume assembly drill fixtures;
Z043 - 92/9400 assembly router;
Z044 - 92/9400 drill fixture;
Z045 - mix - on - demand paint mixers;
Z046 - SMC slitter/blanker #2;
Z047 - portable adhesive applicator #5;
Z048 - portable adhesive applicator #6;
Z049 - robotic adhesive applicator #2;
Z050 - robotic adhesive applicator #3;
Z051 - robotic adhesive applicator #4;

B. State Only Enforceable Section (continued)

Z052 - NGV drill fixtures;
Z053 - NGV prep booth # 1;
Z054 - NGV prep booth #2;
Z055 - robotic adhesive applicator #5;
Z056 - NGV/SS drill fixture #1;
Z057 - NGV/SS drill fixture #2; and
Z058 - NGV/SS prep booth.

Each insignificant emissions unit at this facility must comply with all applicable State and federal regulations, as well as any emission limitations and/or control requirements contained within a permit to install for the emissions unit.

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Coating Bake South Oven (P001)

Activity Description: Fiberglass reinforced parts, which are coated in the south side booth, are dried in this oven.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Coating bake oven (south oven) partially controlled with a thermal incinerator.	OAC rule 3745-31-05(A)(3) (PTI 01-6609)	See A.I.2 below. The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-07(G)(1).
	OAC rule 3745-21-07(G)(1)	Organic compound emissions shall not exceed 3 pounds per hour and 15 pounds per day.

2. Additional Terms and Conditions

- 2.a The organic compound emissions from this emissions unit shall be partially controlled with a thermal incinerator.

II. Operational Restrictions

1. The average combustion temperature within the thermal incinerator, for any 3-hour block of time 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.
2. The permittee shall only use natural gas as a fuel in this emissions unit.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each day for the oven:
 - a. The total potential (prior to applying the booth/oven "split") uncontrolled daily organic compound emission rate for all coatings employed in the coating operation associated with this emissions unit, multiplied by the maximum percentage of the emissions associated with this emissions unit (as defined in Section A.VI.1 of this permit), in pounds per day.
 - b. The total controlled organic compound emission rate for this emissions unit, in pounds per day (i.e., the value from (a) multiplied by the overall control efficiency from the most recent performance test that demonstrated that this emissions unit was in compliance).
 - c. The total number of hours this emissions unit was in operation.
 - d. The total controlled, average hourly organic compound emission rate for this emissions unit, i.e., (b)/(c), in pounds per hour (average).
2. The permittee shall operate and maintain a continuous temperature monitor and recorder which measures and records the combustion temperature within the thermal incinerator 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 installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, with any modifications deemed necessary by the permittee.

The permittee shall collect and record the following information for each day for the control equipment:

- a. A log of the downtime for the capture (collection) system, control device, and monitoring equipment, when the associated emissions unit was in operation.
- b. All 3-hour blocks of time 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 emission test that demonstrated that the emissions unit was in compliance.

IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that include the following information:
 - a. An identification of each day during which the average controlled hourly organic compound emissions exceeded 3 pounds per hour, and the actual average controlled hourly organic compound emissions for each such day.
 - b. An identification of each day during which the controlled organic compound emissions exceeded 15 pounds per day, and the actual controlled organic compound emissions for each such day.
 - c. An identification of all 3-hour blocks of time 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.

These reports shall be submitted in accordance with paragraph A.1.c.ii. of the General Terms and Conditions.

2. The permittee shall also submit quarterly summaries that include a log of the downtime for the capture (collection) system, control device, and monitoring equipment, when the associated emissions unit was in operation.

These quarterly reports shall be submitted by April 30, July 31, October 31, and January 31 and shall cover the records for the previous calendar quarters.

V. Testing Requirements

1. Compliance with the emission limitations in Section A.I of these terms and conditions shall be determined in accordance with the following methods:
 - 1.a Emission Limitations-
Organic compound emissions shall not exceed 3 pounds per hour and 15 pounds per day.

Applicable Compliance Method-
Compliance may be based upon the records required pursuant to Section A.III. Compliance with the hourly emission limitation shall be demonstrated based upon the emission testing requirements specified in Section A.V.2.
2. The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:
 - a. The emission testing shall be conducted within 3 months of permit issuance and within 6 months prior to permit expiration.
 - b. The emission testing shall be conducted to demonstrate compliance with the allowable mass emission rate(s) for organic compounds.
 - c. 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.
 - d. The capture efficiency shall be determined using Methods 204 through 204F, as specified in 40 CFR Part 51, Appendix M, or the permittee may request to use an alternative method or procedure for the determination of capture efficiency in accordance with the USEPA's "Guidelines for Determining Capture Efficiency," dated January 9, 1995. (The Ohio EPA will consider the request, including an evaluation of the applicability, necessity, and validity of the alternative, and may approve the use of the alternative if such approval does not contravene any other applicable requirement.) 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 40 CFR Part 60, Appendix A, Methods 1 through 4, and 25 or 25A. 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.

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.

VI. Miscellaneous Requirements

1. For purposes of calculating the organic compound emission rates for this emissions unit and the associated spray booth (R001), the permittee shall utilize a value of 84.8% as the maximum percentage of the organic compounds employed in the spray booth that are emitted uncontrolled from the spray booth. The remaining 15.2% of the organic compounds employed in the spray booth shall be considered to be the uncontrolled emissions for this emissions unit. This "split" of organic compound emissions between this emissions unit and the associated spray booth is based upon process engineering calculations and the results of the mass emission tests performed for this emissions unit and the associated spray booth on May 14 and 15, 1996, and the results of the capture and destruction efficiency tests for the Reeco thermal incinerator performed on June 30, 1993 and November 17, 1992.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
---	---	--

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Coating Bake North Oven (P002)

Activity Description: Fiberglass reinforced parts, which are coated in the north side booth, are dried in this oven.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Coating bake oven (north oven) partially controlled with a thermal incinerator.	OAC rule 3745-31-05(A)(3) (PTI 01-6609)	See A.I.2 below. The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-07(G)(1).
	OAC rule 3745-21-07(G)(1)	Organic compound emissions shall not exceed 3 pounds per hour and 15 pounds per day.

2. Additional Terms and Conditions

- 2.a The organic compound emissions from this emissions unit shall be partially controlled with a thermal incinerator.

II. Operational Restrictions

1. The average combustion temperature within the thermal incinerator, for any 3-hour block of time 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.
2. The permittee shall only use natural gas as a fuel in this emissions unit.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each day for the oven:
 - a. The total potential (prior to applying the booth/oven "split") uncontrolled daily organic compound emission rate for all coatings employed in the coating operation associated with this emissions unit, multiplied by the maximum percentage of the emissions associated with this emissions unit (as defined in Section A.VI.1 of this permit), in pounds per day.
 - b. The total controlled organic compound emission rate for this emissions unit, in pounds per day (i.e., the value from (a) multiplied by the overall control efficiency from the most recent performance test that demonstrated that this emissions unit was in compliance).
 - c. The total number of hours this emissions unit was in operation.
 - d. The total controlled, average hourly organic compound emission rate for this emissions unit, i.e., (b)/(c), in pounds per hour (average).
2. The permittee shall operate and maintain a continuous temperature monitor and recorder which measures and records the combustion temperature within the thermal incinerator 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 installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, with any modifications deemed necessary by the permittee.

The permittee shall collect and record the following information for each day for the control equipment:

- a. A log of the downtime for the capture (collection) system, control device, and monitoring equipment, when the associated emissions unit was in operation.
- b. All 3-hour blocks of time 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 emission test that demonstrated that the emissions unit was in compliance.

IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that include the following information:
 - a. An identification of each day during which the average controlled hourly organic compound emissions exceeded 3 pounds per hour, and the actual average controlled hourly organic compound emissions for each such day.
 - b. An identification of each day during which the controlled organic compound emissions exceeded 15 pounds per day, and the actual controlled organic compound emissions for each such day.
 - c. An identification of all 3-hour blocks of time 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.

These reports shall be submitted in accordance with paragraph A.1.c.ii. of the General Terms and Conditions.

2. The permittee shall also submit quarterly summaries that include a log of the downtime for the capture (collection) system, control device, and monitoring equipment, when the associated emissions unit was in operation.

These quarterly reports shall be submitted by April 30, July 31, October 31, and January 31 and shall cover the records for the previous calendar quarters.

V. Testing Requirements

1. Compliance with the emission limitations in Section A.I of these terms and conditions shall be determined in accordance with the following methods:
 - 1.a Emission Limitations-
Organic compound emissions shall not exceed 3 pounds per hour and 15 pounds per day.

Applicable Compliance Method-
Compliance may be based upon the records required pursuant to Section A.III. Compliance with the hourly emission limitation shall be demonstrated based upon the emission testing requirements specified in Section A.V.2.
2. The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:
 - a. The emission testing shall be conducted within 3 months of permit issuance and within 6 months prior to permit expiration.
 - b. The emission testing shall be conducted to demonstrate compliance with the allowable mass emission rate(s) for organic compounds.
 - c. 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.
 - d. The capture efficiency shall be determined using Methods 204 through 204F, as specified in 40 CFR Part 51, Appendix M, or the permittee may request to use an alternative method or procedure for the determination of capture efficiency in accordance with the USEPA's "Guidelines for Determining Capture Efficiency," dated January 9, 1995. (The Ohio EPA will consider the request, including an evaluation of the applicability, necessity, and validity of the alternative, and may approve the use of the alternative if such approval does not contravene any other applicable requirement.) 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 40 CFR Part 60, Appendix A, Methods 1 through 4, and 25 or 25A. 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.

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.

VI. Miscellaneous Requirements

1. For purposes of calculating the organic compound emission rates for this emissions unit and the associated spray booth (R002), the permittee shall utilize a value of 84.8% as the maximum percentage of the organic compounds employed in the spray booth that are emitted uncontrolled from the spray booth. The remaining 15.2% of the organic compounds employed in the spray booth shall be considered to be the uncontrolled emissions for this emissions unit. This "split" of organic compound emissions between this emissions unit and the associated spray booth is based upon process engineering calculations and the results of the mass emission tests performed for this emissions unit and the associated spray booth on May 14 and 15, 1996, and the results of the capture and destruction efficiency tests for the Reeco thermal incinerator performed on June 30, 1993 and November 17, 1992.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
---	---	--

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: SMC Thermosetting Press #212 (P004)

Activity Description: Sheet Molding Compound is molded by compression press into fiberglass reinforced plastic parts.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
sheet molding compound thermosetting press	OAC rule 3745-31-05(A)(3) (PTI 01-6346)	The requirements of this rule also include compliance with the requirements of OAC rules 3745-21-07(G)(2) and 3745-31-05(D).
	OAC rule 3745-21-07(G)(2)	Organic compound emissions shall not exceed 8 pounds per hour and 40 pounds per day.
	OAC rule 3745-31-05(D)	See A.I.2.a below.

2. Additional Terms and Conditions

- 2.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.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping 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).

III. Monitoring and/or Record Keeping Requirements (continued)

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 A.III.1.c 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 A.III.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).
 - f. The total number of hours of operation.
 - g. The average hourly organic compound emission rate for materials, i.e., (e)/(f), in pounds of organic compounds per hour (average).
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.

IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that include the following information:
 - a. An identification of each day during which the average hourly organic compound emission rate for this emissions unit exceeded 8 pounds per hour, and the actual average hourly organic compound emission rate for each such day.
 - b. 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.
 - c. 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.

These reports shall be submitted in accordance with paragraph A.1.c.ii. of the General Terms and Conditions.

V. Testing Requirements

1. Compliance with the emission limitations in Section A.I of these terms and conditions shall be determined in accordance with the following methods:
 - 1.a Emission Limitations-
Organic compound emissions shall not exceed 8 pounds per hour and 40 pounds per day.

Applicable Compliance Method-

Compliance may be based upon the records required pursuant to Section A.III. If required, the permittee shall demonstrate compliance with the hourly emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 25 or 25A, as appropriate.

V. Testing Requirements (continued)

1.b Emission Limitation-

The aggregate emissions of organic compounds 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 shall be based upon the records required pursuant to Section A.III.

- 2.** Formulation data shall be used to determine the organic compound content of the MR. The closed molding emission factor specified in Section 4.4, Table 4.4-2 of USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors (2%, by weight of the starting monomer emitted) shall be used to determine the organic compound contents of the SMC and IMC.

VI. Miscellaneous Requirements

- 1.** For purposes of this permit, an "hour of operation" shall be defined as any hour or part of an hour during which SMC is employed in the emissions unit.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
---	---	--

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: SMC Thermosetting Press #213 (P005)

Activity Description: Sheet Molding Compound is molded by compression press into fiberglass reinforced plastic parts

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
sheet molding compound thermosetting press	OAC rule 3745-31-05(A)(3) (PTI 01-6346)	The requirements of this rule also include compliance with the requirements of OAC rules 3745-21-07(G)(2) and 3745-31-05(D).
	OAC rule 3745-21-07(G)(2)	Organic compound emissions shall not exceed 8 pounds per hour and 40 pounds per day.
	OAC rule 3745-31-05(D)	See A.I.2.a below.

2. Additional Terms and Conditions

- 2.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.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping 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).

III. Monitoring and/or Record Keeping Requirements (continued)

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 A.III.1.c 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 A.III.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).
 - f. The total number of hours of operation.
 - g. The average hourly organic compound emission rate for materials, i.e., (e)/(f), in pounds of organic compounds per hour (average).
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.

IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that include the following information:
 - a. An identification of each day during which the average hourly organic compound emission rate for this emissions unit exceeded 8 pounds per hour, and the actual average hourly organic compound emission rate for each such day.
 - b. 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.
 - c. 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.

These reports shall be submitted in accordance with paragraph A.1.c.ii. of the General Terms and Conditions.

V. Testing Requirements

1. Compliance with the emission limitations in Section A.I of these terms and conditions shall be determined in accordance with the following methods:
 - 1.a Emission Limitations-
Organic compound emissions shall not exceed 8 pounds per hour and 40 pounds per day.

Applicable Compliance Method-

Compliance may be based upon the records required pursuant to Section A.III. If required, the permittee shall demonstrate compliance with the hourly emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 25 or 25A, as appropriate.

V. Testing Requirements (continued)

1.b Emission Limitation-

The aggregate emissions of organic compounds 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 shall be based upon the records required pursuant to Section A.III.

- 2.** Formulation data shall be used to determine the organic compound content of the MR. The closed molding emission factor specified in Section 4.4, Table 4.4-2 of USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors (2%, by weight of the starting monomer emitted) shall be used to determine the organic compound contents of the SMC and IMC.

VI. Miscellaneous Requirements

- 1.** For purposes of this permit, an "hour of operation" shall be defined as any hour or part of an hour during which SMC is employed in the emissions unit.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
---	---	--

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Sheet Molding Compound 48" Machine (P007)

Activity Description: Layers of reinforcement and resin paste are applied and compacted to form the Sheet Molding Compound (SMC) in this machine.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
48-inch sheet molding compound (SMC) machine controlled with a permanent total enclosure and thermal incinerator.	OAC rule 3745-31-05(A)(3) (PTI 01-6439)	Organic compound emissions shall not exceed 44.2 pounds per day.
	OAC rule 3745-21-07(G)(2)	See A.1.2 below. The overall control efficiency (capture and control) for the organic compound emissions employed in this emissions unit shall be at least 85%, by weight. The control efficiency of the thermal incinerator shall be at least 90%, by weight.

2. Additional Terms and Conditions

- 2.a The permittee shall operate and maintain a permanent total enclosure for this emissions unit.
- 2.b All cleanup activities associated with this emissions unit are performed in another permitted emissions unit.

II. Operational Restrictions

1. The average combustion temperature within the thermal incinerator, for any 3-hour block of time 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.
2. The permanent total enclosure shall be maintained under negative pressure, at a minimum pressure differential that is not less than the minimum pressure differential (inches of water) established during the most recent emission test that demonstrated the emissions unit was in compliance, whenever the emissions unit is in operation.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall operate and maintain a continuous temperature monitor and recorder which measures and records the combustion temperature within the thermal incinerator 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 installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, with any modifications deemed necessary by the permittee.

The permittee shall collect and record the following information for each day for the control equipment:

- a. All 3-hour blocks of time 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 emission test that demonstrated that the emissions unit was in compliance.
- b. A log of the downtime for the capture (collection) system, control device, and monitoring equipment, when the associated emissions unit was in operation.

2. Within 12 months after the effective date of this permit, the permittee shall install, operate and maintain monitoring devices and a recorder which simultaneously measure and record the pressure inside and outside the permanent total enclosure. The monitoring and recording devices shall be operated continuously when the emissions unit is in operation. The monitoring and recording devices shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manuals.

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

3. 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).

IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that identify the following:
 - a. All 3-hour blocks of time 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. After the pressure monitoring and recording devices are installed, all periods of time 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 A.I.

These reports shall be submitted in accordance with paragraph A.1.c.ii. of the General Terms and Conditions.

IV. Reporting Requirements (continued)

2. The permittee shall also submit quarterly summaries that include a log of the downtime for the capture (collection) system, control device, and monitoring equipment, when the associated emissions unit was in operation.

These quarterly reports shall be submitted by April 30, July 31, October 31, and January 31 and shall cover the records for the previous calendar quarters.

V. Testing Requirements

1. The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:
 - a. The emission testing shall be conducted within 12 months of the issuance of this permit and within 6 months prior to permit expiration.
 - b. The emission testing shall be conducted to demonstrate compliance with the 90%, by weight, thermal incinerator control efficiency requirements specified in Section A.I. 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).
 - c. 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.
 - d. 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.

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.

2. Emission 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 A.III. Formulation data or USEPA Method 24 shall be used to determine the organic compound contents of the coatings.

Facility Name: **Core Molding Technologies, Inc.**
Facility ID: **01-25-04-1046**
Emissions Unit: **Sheet Molding Compound 48" Machine (P007)**

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
---	---	--

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: SMC Thermosetting Press #201 (P008)

Activity Description: Sheet Molding Compound is molded by compression press into fiberglass reinforced plastic parts

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
sheet molding compound thermosetting press	OAC rule 3745-31-05(A)(3) (PTI 01-6346)	The requirements of this rule also include compliance with the requirements of OAC rules 3745-21-07(G)(2) and 3745-31-05(D).
	OAC rule 3745-21-07(G)(2)	Organic compound emissions shall not exceed 8 pounds per hour and 40 pounds per day.
	OAC rule 3745-31-05(D)	See A.I.2.a below.

2. Additional Terms and Conditions

- 2.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.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping 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).

III. Monitoring and/or Record Keeping Requirements (continued)

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 A.III.1.c 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 A.III.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).
 - f. The total number of hours of operation.
 - g. The average hourly organic compound emission rate for materials, i.e., (e)/(f), in pounds of organic compounds per hour (average).
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.

IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that include the following information:
 - a. An identification of each day during which the average hourly organic compound emission rate for this emissions unit exceeded 8 pounds per hour, and the actual average hourly organic compound emission rate for each such day.
 - b. 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.
 - c. 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.

These reports shall be submitted in accordance with paragraph A.1.c.ii. of the General Terms and Conditions.

V. Testing Requirements

1. Compliance with the emission limitations in Section A.I of these terms and conditions shall be determined in accordance with the following methods:
 - 1.a Emission Limitations-
Organic compound emissions shall not exceed 8 pounds per hour and 40 pounds per day.

Applicable Compliance Method-

Compliance may be based upon the records required pursuant to Section A.III. If required, the permittee shall demonstrate compliance with the hourly emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 25 or 25A, as appropriate.

V. Testing Requirements (continued)

1.b Emission Limitation-

The aggregate emissions of organic compounds 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 shall be based upon the records required pursuant to Section A.III.

- 2.** Formulation data shall be used to determine the organic compound content of the MR. The closed molding emission factor specified in Section 4.4, Table 4.4-2 of USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors (2%, by weight of the starting monomer emitted) shall be used to determine the organic compound contents of the SMC and IMC.

VI. Miscellaneous Requirements

- 1.** For purposes of this permit, an "hour of operation" shall be defined as any hour or part of an hour during which SMC is employed in the emissions unit.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
---	---	--

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: SMC Thermosetting Press #202 (P009)

Activity Description: Sheet Molding Compound is molded by compression press into fiberglass reinforced plastic parts

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
sheet molding compound thermosetting press	OAC rule 3745-31-05(A)(3) (PTI 01-6346)	The requirements of this rule also include compliance with the requirements of OAC rules 3745-21-07(G)(2) and 3745-31-05(D).
	OAC rule 3745-21-07(G)(2)	Organic compound emissions shall not exceed 8 pounds per hour and 40 pounds per day.
	OAC rule 3745-31-05(D)	See A.I.2.a below.

2. Additional Terms and Conditions

- 2.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.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping 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).

III. Monitoring and/or Record Keeping Requirements (continued)

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 A.III.1.c 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 A.III.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).
 - f. The total number of hours of operation.
 - g. The average hourly organic compound emission rate for materials, i.e., (e)/(f), in pounds of organic compounds per hour (average).
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.

IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that include the following information:
 - a. An identification of each day during which the average hourly organic compound emission rate for this emissions unit exceeded 8 pounds per hour, and the actual average hourly organic compound emission rate for each such day.
 - b. 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.
 - c. 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.

These reports shall be submitted in accordance with paragraph A.1.c.ii. of the General Terms and Conditions.

V. Testing Requirements

1. Compliance with the emission limitations in Section A.I of these terms and conditions shall be determined in accordance with the following methods:
 - 1.a Emission Limitations-
Organic compound emissions shall not exceed 8 pounds per hour and 40 pounds per day.

Applicable Compliance Method-

Compliance may be based upon the records required pursuant to Section A.III. If required, the permittee shall demonstrate compliance with the hourly emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 25 or 25A, as appropriate.

V. Testing Requirements (continued)

1.b Emission Limitation-

The aggregate emissions of organic compounds 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 shall be based upon the records required pursuant to Section A.III.

- 2.** Formulation data shall be used to determine the organic compound content of the MR. The closed molding emission factor specified in Section 4.4, Table 4.4-2 of USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors (2%, by weight of the starting monomer emitted) shall be used to determine the organic compound contents of the SMC and IMC.

VI. Miscellaneous Requirements

- 1.** For purposes of this permit, an "hour of operation" shall be defined as any hour or part of an hour during which SMC is employed in the emissions unit.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
---	---	--

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: SMC Thermosetting Press #203 (P010)

Activity Description: Sheet Molding Compound is molded by compression press into fiberglass reinforced plastic parts

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
sheet molding compound thermosetting press	OAC rule 3745-31-05(A)(3) (PTI 01-6346)	The requirements of this rule also include compliance with the requirements of OAC rules 3745-21-07(G)(2) and 3745-31-05(D).
	OAC rule 3745-21-07(G)(2)	Organic compound emissions shall not exceed 8 pounds per hour and 40 pounds per day.
	OAC rule 3745-31-05(D)	See A.I.2.a below.

2. Additional Terms and Conditions

- 2.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.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping 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).

III. Monitoring and/or Record Keeping Requirements (continued)

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 A.III.1.c 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 A.III.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).
 - f. The total number of hours of operation.
 - g. The average hourly organic compound emission rate for materials, i.e., (e)/(f), in pounds of organic compounds per hour (average).
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.

IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that include the following information:
 - a. An identification of each day during which the average hourly organic compound emission rate for this emissions unit exceeded 8 pounds per hour, and the actual average hourly organic compound emission rate for each such day.
 - b. 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.
 - c. 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.

These reports shall be submitted in accordance with paragraph A.1.c.ii. of the General Terms and Conditions.

V. Testing Requirements

1. Compliance with the emission limitations in Section A.I of these terms and conditions shall be determined in accordance with the following methods:
 - 1.a Emission Limitations-
Organic compound emissions shall not exceed 8 pounds per hour and 40 pounds per day.

Applicable Compliance Method-

Compliance may be based upon the records required pursuant to Section A.III. If required, the permittee shall demonstrate compliance with the hourly emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 25 or 25A, as appropriate.

V. Testing Requirements (continued)

1.b Emission Limitation-

The aggregate emissions of organic compounds 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 shall be based upon the records required pursuant to Section A.III.

- 2.** Formulation data shall be used to determine the organic compound content of the MR. The closed molding emission factor specified in Section 4.4, Table 4.4-2 of USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors (2%, by weight of the starting monomer emitted) shall be used to determine the organic compound contents of the SMC and IMC.

VI. Miscellaneous Requirements

- 1.** For purposes of this permit, an "hour of operation" shall be defined as any hour or part of an hour during which SMC is employed in the emissions unit.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
---	---	--

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: SMC Thermosetting Press #204 (P011)

Activity Description: Sheet Molding Compound is molded by compression press into fiberglass reinforced plastic parts

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
sheet molding compound thermosetting press	OAC rule 3745-31-05(A)(3) (PTI 01-6346)	The requirements of this rule also include compliance with the requirements of OAC rules 3745-21-07(G)(2) and 3745-31-05(D).
	OAC rule 3745-21-07(G)(2)	Organic compound emissions shall not exceed 8 pounds per hour and 40 pounds per day.
	OAC rule 3745-31-05(D)	See A.I.2.a below.

2. Additional Terms and Conditions

- 2.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.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping 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).

III. Monitoring and/or Record Keeping Requirements (continued)

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 A.III.1.c 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 A.III.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).
 - f. The total number of hours of operation.
 - g. The average hourly organic compound emission rate for materials, i.e., (e)/(f), in pounds of organic compounds per hour (average).
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.

IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that include the following information:
 - a. An identification of each day during which the average hourly organic compound emission rate for this emissions unit exceeded 8 pounds per hour, and the actual average hourly organic compound emission rate for each such day.
 - b. 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.
 - c. 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.

These reports shall be submitted in accordance with paragraph A.1.c.ii. of the General Terms and Conditions.

V. Testing Requirements

1. Compliance with the emission limitations in Section A.I of these terms and conditions shall be determined in accordance with the following methods:
 - 1.a Emission Limitations-
Organic compound emissions shall not exceed 8 pounds per hour and 40 pounds per day.

Applicable Compliance Method-

Compliance may be based upon the records required pursuant to Section A.III. If required, the permittee shall demonstrate compliance with the hourly emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 25 or 25A, as appropriate.

V. Testing Requirements (continued)

1.b Emission Limitation-

The aggregate emissions of organic compounds 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 shall be based upon the records required pursuant to Section A.III.

- 2.** Formulation data shall be used to determine the organic compound content of the MR. The closed molding emission factor specified in Section 4.4, Table 4.4-2 of USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors (2%, by weight of the starting monomer emitted) shall be used to determine the organic compound contents of the SMC and IMC.

VI. Miscellaneous Requirements

- 1.** For purposes of this permit, an "hour of operation" shall be defined as any hour or part of an hour during which SMC is employed in the emissions unit.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
---	---	--

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: SMC Thermosetting Press #205 (P012)

Activity Description: Sheet Molding Compound is molded by compression press into fiberglass reinforced plastic parts

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
sheet molding compound thermosetting press	OAC rule 3745-31-05(A)(3) (PTI 01-6346)	The requirements of this rule also include compliance with the requirements of OAC rules 3745-21-07(G)(2) and 3745-31-05(D).
	OAC rule 3745-21-07(G)(2)	Organic compound emissions shall not exceed 8 pounds per hour and 40 pounds per day.
	OAC rule 3745-31-05(D)	See A.I.2.a below.

2. Additional Terms and Conditions

- 2.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.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping 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).

III. Monitoring and/or Record Keeping Requirements (continued)

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 A.III.1.c 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 A.III.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).
 - f. The total number of hours of operation.
 - g. The average hourly organic compound emission rate for materials, i.e., (e)/(f), in pounds of organic compounds per hour (average).
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.

IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that include the following information:
 - a. An identification of each day during which the average hourly organic compound emission rate for this emissions unit exceeded 8 pounds per hour, and the actual average hourly organic compound emission rate for each such day.
 - b. 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.
 - c. 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.

These reports shall be submitted in accordance with paragraph A.1.c.ii. of the General Terms and Conditions.

V. Testing Requirements

1. Compliance with the emission limitations in Section A.I of these terms and conditions shall be determined in accordance with the following methods:
 - 1.a Emission Limitations-
Organic compound emissions shall not exceed 8 pounds per hour and 40 pounds per day.

Applicable Compliance Method-

Compliance may be based upon the records required pursuant to Section A.III. If required, the permittee shall demonstrate compliance with the hourly emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 25 or 25A, as appropriate.

V. Testing Requirements (continued)

1.b Emission Limitation-

The aggregate emissions of organic compounds 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 shall be based upon the records required pursuant to Section A.III.

- 2.** Formulation data shall be used to determine the organic compound content of the MR. The closed molding emission factor specified in Section 4.4, Table 4.4-2 of USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors (2%, by weight of the starting monomer emitted) shall be used to determine the organic compound contents of the SMC and IMC.

VI. Miscellaneous Requirements

- 1.** For purposes of this permit, an "hour of operation" shall be defined as any hour or part of an hour during which SMC is employed in the emissions unit.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
---	---	--

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: SMC Thermosetting Press #206 (P013)

Activity Description: Sheet Molding Compound is molded by compression press into fiberglass reinforced plastic parts

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
sheet molding compound thermosetting press	OAC rule 3745-31-05(A)(3) (PTI 01-6346)	The requirements of this rule also include compliance with the requirements of OAC rules 3745-21-07(G)(2) and 3745-31-05(D).
	OAC rule 3745-21-07(G)(2)	Organic compound emissions shall not exceed 8 pounds per hour and 40 pounds per day.
	OAC rule 3745-31-05(D)	See A.I.2.a below.

2. Additional Terms and Conditions

- 2.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.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping 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).

III. Monitoring and/or Record Keeping Requirements (continued)

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 A.III.1.c 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 A.III.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).
 - f. The total number of hours of operation.
 - g. The average hourly organic compound emission rate for materials, i.e., (e)/(f), in pounds of organic compounds per hour (average).
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.

IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that include the following information:
 - a. An identification of each day during which the average hourly organic compound emission rate for this emissions unit exceeded 8 pounds per hour, and the actual average hourly organic compound emission rate for each such day.
 - b. 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.
 - c. 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.

These reports shall be submitted in accordance with paragraph A.1.c.ii. of the General Terms and Conditions.

V. Testing Requirements

1. Compliance with the emission limitations in Section A.I of these terms and conditions shall be determined in accordance with the following methods:
 - 1.a Emission Limitations-
Organic compound emissions shall not exceed 8 pounds per hour and 40 pounds per day.

Applicable Compliance Method-

Compliance may be based upon the records required pursuant to Section A.III. If required, the permittee shall demonstrate compliance with the hourly emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 25 or 25A, as appropriate.

V. Testing Requirements (continued)

1.b Emission Limitation-

The aggregate emissions of organic compounds 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 shall be based upon the records required pursuant to Section A.III.

- 2.** Formulation data shall be used to determine the organic compound content of the MR. The closed molding emission factor specified in Section 4.4, Table 4.4-2 of USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors (2%, by weight of the starting monomer emitted) shall be used to determine the organic compound contents of the SMC and IMC.

VI. Miscellaneous Requirements

- 1.** For purposes of this permit, an "hour of operation" shall be defined as any hour or part of an hour during which SMC is employed in the emissions unit.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
---	---	--

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: SMC Thermosetting Press #207 (P014)

Activity Description: Sheet Molding Compound is molded by compression press into fiberglass reinforced plastic parts

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
sheet molding compound thermosetting press	OAC rule 3745-31-05(A)(3) (PTI 01-6346)	The requirements of this rule also include compliance with the requirements of OAC rules 3745-21-07(G)(2) and 3745-31-05(D).
	OAC rule 3745-21-07(G)(2)	Organic compound emissions shall not exceed 8 pounds per hour and 40 pounds per day.
	OAC rule 3745-31-05(D)	See A.I.2.a below.

2. Additional Terms and Conditions

- 2.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.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping 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).

III. Monitoring and/or Record Keeping Requirements (continued)

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 A.III.1.c 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 A.III.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).
 - f. The total number of hours of operation.
 - g. The average hourly organic compound emission rate for materials, i.e., (e)/(f), in pounds of organic compounds per hour (average).
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.

IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that include the following information:
 - a. An identification of each day during which the average hourly organic compound emission rate for this emissions unit exceeded 8 pounds per hour, and the actual average hourly organic compound emission rate for each such day.
 - b. 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.
 - c. 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.

These reports shall be submitted in accordance with paragraph A.1.c.ii. of the General Terms and Conditions.

V. Testing Requirements

1. Compliance with the emission limitations in Section A.I of these terms and conditions shall be determined in accordance with the following methods:
 - 1.a Emission Limitations-
Organic compound emissions shall not exceed 8 pounds per hour and 40 pounds per day.

Applicable Compliance Method-

Compliance may be based upon the records required pursuant to Section A.III. If required, the permittee shall demonstrate compliance with the hourly emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 25 or 25A, as appropriate.

V. Testing Requirements (continued)

1.b Emission Limitation-

The aggregate emissions of organic compounds 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 shall be based upon the records required pursuant to Section A.III.

- 2.** Formulation data shall be used to determine the organic compound content of the MR. The closed molding emission factor specified in Section 4.4, Table 4.4-2 of USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors (2%, by weight of the starting monomer emitted) shall be used to determine the organic compound contents of the SMC and IMC.

VI. Miscellaneous Requirements

- 1.** For purposes of this permit, an "hour of operation" shall be defined as any hour or part of an hour during which SMC is employed in the emissions unit.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
---	---	--

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: SMC Thermosetting Press #208 (P015)

Activity Description: Sheet Molding Compound is molded by compression press into fiberglass reinforced plastic parts

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
sheet molding compound thermosetting press	OAC rule 3745-31-05(A)(3) (PTI 01-6346)	The requirements of this rule also include compliance with the requirements of OAC rules 3745-21-07(G)(2) and 3745-31-05(D).
	OAC rule 3745-21-07(G)(2)	Organic compound emissions shall not exceed 8 pounds per hour and 40 pounds per day.
	OAC rule 3745-31-05(D)	See A.I.2.a below.

2. Additional Terms and Conditions

- 2.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.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping 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).

III. Monitoring and/or Record Keeping Requirements (continued)

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 A.III.1.c 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 A.III.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).
 - f. The total number of hours of operation.
 - g. The average hourly organic compound emission rate for materials, i.e., (e)/(f), in pounds of organic compounds per hour (average).
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.

IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that include the following information:
 - a. An identification of each day during which the average hourly organic compound emission rate for this emissions unit exceeded 8 pounds per hour, and the actual average hourly organic compound emission rate for each such day.
 - b. 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.
 - c. 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.

These reports shall be submitted in accordance with paragraph A.1.c.ii. of the General Terms and Conditions.

V. Testing Requirements

1. Compliance with the emission limitations in Section A.I of these terms and conditions shall be determined in accordance with the following methods:
 - 1.a Emission Limitations-
Organic compound emissions shall not exceed 8 pounds per hour and 40 pounds per day.

Applicable Compliance Method-

Compliance may be based upon the records required pursuant to Section A.III. If required, the permittee shall demonstrate compliance with the hourly emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 25 or 25A, as appropriate.

V. Testing Requirements (continued)

1.b Emission Limitation-

The aggregate emissions of organic compounds 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 shall be based upon the records required pursuant to Section A.III.

- 2.** Formulation data shall be used to determine the organic compound content of the MR. The closed molding emission factor specified in Section 4.4, Table 4.4-2 of USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors (2%, by weight of the starting monomer emitted) shall be used to determine the organic compound contents of the SMC and IMC.

VI. Miscellaneous Requirements

- 1.** For purposes of this permit, an "hour of operation" shall be defined as any hour or part of an hour during which SMC is employed in the emissions unit.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
---	---	--

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: SMC Thermosetting Press #209 (P016)

Activity Description: Sheet Molding Compound is molded by compression press into fiberglass reinforced plastic parts

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
sheet molding compound thermosetting press	OAC rule 3745-31-05(A)(3) (PTI 01-6346)	The requirements of this rule also include compliance with the requirements of OAC rules 3745-21-07(G)(2) and 3745-31-05(D).
	OAC rule 3745-21-07(G)(2)	Organic compound emissions shall not exceed 8 pounds per hour and 40 pounds per day.
	OAC rule 3745-31-05(D)	See A.I.2.a below.

2. Additional Terms and Conditions

- 2.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.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping 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).

III. Monitoring and/or Record Keeping Requirements (continued)

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 A.III.1.c 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 A.III.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).
 - f. The total number of hours of operation.
 - g. The average hourly organic compound emission rate for materials, i.e., (e)/(f), in pounds of organic compounds per hour (average).
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.

IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that include the following information:
 - a. An identification of each day during which the average hourly organic compound emission rate for this emissions unit exceeded 8 pounds per hour, and the actual average hourly organic compound emission rate for each such day.
 - b. 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.
 - c. 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.

These reports shall be submitted in accordance with paragraph A.1.c.ii. of the General Terms and Conditions.

V. Testing Requirements

1. Compliance with the emission limitations in Section A.I of these terms and conditions shall be determined in accordance with the following methods:
 - 1.a Emission Limitations-
Organic compound emissions shall not exceed 8 pounds per hour and 40 pounds per day.

Applicable Compliance Method-

Compliance may be based upon the records required pursuant to Section A.III. If required, the permittee shall demonstrate compliance with the hourly emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 25 or 25A, as appropriate.

V. Testing Requirements (continued)

1.b Emission Limitation-

The aggregate emissions of organic compounds 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 shall be based upon the records required pursuant to Section A.III.

- 2.** Formulation data shall be used to determine the organic compound content of the MR. The closed molding emission factor specified in Section 4.4, Table 4.4-2 of USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors (2%, by weight of the starting monomer emitted) shall be used to determine the organic compound contents of the SMC and IMC.

VI. Miscellaneous Requirements

- 1.** For purposes of this permit, an "hour of operation" shall be defined as any hour or part of an hour during which SMC is employed in the emissions unit.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
---	---	--

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: SMC Thermosetting Press #210 (P017)

Activity Description: Sheet Molding Compound is molded by compression press into fiberglass reinforced plastic parts

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
sheet molding compound thermosetting press	OAC rule 3745-31-05(A)(3) (PTI 01-6346)	The requirements of this rule also include compliance with the requirements of OAC rules 3745-21-07(G)(2) and 3745-31-05(D).
	OAC rule 3745-21-07(G)(2)	Organic compound emissions shall not exceed 8 pounds per hour and 40 pounds per day.
	OAC rule 3745-31-05(D)	See A.I.2.a below.

2. Additional Terms and Conditions

- 2.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.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping 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).

III. Monitoring and/or Record Keeping Requirements (continued)

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 A.III.1.c 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 A.III.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).
 - f. The total number of hours of operation.
 - g. The average hourly organic compound emission rate for materials, i.e., (e)/(f), in pounds of organic compounds per hour (average).
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.

IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that include the following information:
 - a. An identification of each day during which the average hourly organic compound emission rate for this emissions unit exceeded 8 pounds per hour, and the actual average hourly organic compound emission rate for each such day.
 - b. 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.
 - c. 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.

These reports shall be submitted in accordance with paragraph A.1.c.ii. of the General Terms and Conditions.

V. Testing Requirements

1. Compliance with the emission limitations in Section A.I of these terms and conditions shall be determined in accordance with the following methods:
 - 1.a Emission Limitations-
Organic compound emissions shall not exceed 8 pounds per hour and 40 pounds per day.

Applicable Compliance Method-

Compliance may be based upon the records required pursuant to Section A.III. If required, the permittee shall demonstrate compliance with the hourly emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 25 or 25A, as appropriate.

V. Testing Requirements (continued)

1.b Emission Limitation-

The aggregate emissions of organic compounds 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 shall be based upon the records required pursuant to Section A.III.

- 2.** Formulation data shall be used to determine the organic compound content of the MR. The closed molding emission factor specified in Section 4.4, Table 4.4-2 of USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors (2%, by weight of the starting monomer emitted) shall be used to determine the organic compound contents of the SMC and IMC.

VI. Miscellaneous Requirements

- 1.** For purposes of this permit, an "hour of operation" shall be defined as any hour or part of an hour during which SMC is employed in the emissions unit.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
---	---	--

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: SMC Thermosetting Press #211 (P018)

Activity Description: Sheet Molding Compound is molded by compression press into fiberglass reinforced plastic parts

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
sheet molding compound thermosetting press	OAC rule 3745-31-05(A)(3) (PTI 01-6346)	The requirements of this rule also include compliance with the requirements of OAC rules 3745-21-07(G)(2) and 3745-31-05(D).
	OAC rule 3745-21-07(G)(2)	Organic compound emissions shall not exceed 8 pounds per hour and 40 pounds per day.
	OAC rule 3745-31-05(D)	See A.I.2.a below.

2. Additional Terms and Conditions

- 2.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.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping 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).

III. Monitoring and/or Record Keeping Requirements (continued)

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 A.III.1.c 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 A.III.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).
 - f. The total number of hours of operation.
 - g. The average hourly organic compound emission rate for materials, i.e., (e)/(f), in pounds of organic compounds per hour (average).
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.

IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that include the following information:
 - a. An identification of each day during which the average hourly organic compound emission rate for this emissions unit exceeded 8 pounds per hour, and the actual average hourly organic compound emission rate for each such day.
 - b. 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.
 - c. 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.

These reports shall be submitted in accordance with paragraph A.1.c.ii. of the General Terms and Conditions.

V. Testing Requirements

1. Compliance with the emission limitations in Section A.I of these terms and conditions shall be determined in accordance with the following methods:
 - 1.a Emission Limitations-
Organic compound emissions shall not exceed 8 pounds per hour and 40 pounds per day.

Applicable Compliance Method-

Compliance may be based upon the records required pursuant to Section A.III. If required, the permittee shall demonstrate compliance with the hourly emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 25 or 25A, as appropriate.

V. Testing Requirements (continued)

1.b Emission Limitation-

The aggregate emissions of organic compounds 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 shall be based upon the records required pursuant to Section A.III.

- 2.** Formulation data shall be used to determine the organic compound content of the MR. The closed molding emission factor specified in Section 4.4, Table 4.4-2 of USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors (2%, by weight of the starting monomer emitted) shall be used to determine the organic compound contents of the SMC and IMC.

VI. Miscellaneous Requirements

- 1.** For purposes of this permit, an "hour of operation" shall be defined as any hour or part of an hour during which SMC is employed in the emissions unit.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
---	---	--

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Resin Batch Mixing System (P028)

Activity Description: Mixing system to make SMC A-side paste. Includes 2 mixers, several weigh systems, pipes, etc.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

- The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Resin batch mixing system controlled with a permanent total enclosure and thermal incinerator.	OAC rule 3745-31-05(A)(3) (PTI 01-6439)	See A.I.2 below. The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-07(G)(2).
	OAC rule 3745-21-07(G)(2)	Organic compound emissions shall not exceed 8 pounds per hour and 40 pounds per day.

2. Additional Terms and Conditions

- The organic compound emissions from this emissions unit shall be controlled by a permanent total enclosure and a thermal incinerator.

II. Operational Restrictions

- The average combustion temperature within the thermal incinerator, for any 3-hour block of time 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.
- The permanent total enclosure shall be maintained under negative pressure, at a minimum pressure differential that is not less than the minimum pressure differential (inches of water) established during the most recent emission test that demonstrated the emissions unit was in compliance, whenever the emissions unit is in operation.

III. Monitoring and/or Record Keeping Requirements

- The permittee shall operate and maintain a continuous temperature monitor and recorder which measures and records the combustion temperature within the thermal incinerator 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 installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, with any modifications deemed necessary by the permittee.

III. Monitoring and/or Record Keeping Requirements (continued)

2. The permittee shall collect and record the following information for each day:
 - a. All 3-hour blocks of time 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 emission test that demonstrated that the emissions unit was in compliance.
 - b. A log of the downtime for the capture (collection) system, control device, and monitoring equipment, when the associated emissions unit was in operation.
 - c. The company identification for each resin and cleanup material employed.
 - d. The number of gallons of each resin and cleanup material employed.
 - e. The organic compound content of each resin and cleanup material, in pounds per gallon.
 - f. The total controlled organic compound emission rate for all resins and cleanup materials, in pounds per day (i.e., calculated using the overall control efficiency from the most recent performance test that demonstrated that the emissions unit was in compliance).
 - g. The total number of hours the emissions unit was in operation.
 - h. The average hourly controlled organic compound emission rate for all resins and cleanup materials, i.e., (f)/(g), in pounds per hour (average).
3. The permittee shall operate and maintain monitoring devices and a recorder which simultaneously measure and record the pressure inside and outside the permanent total enclosure. The monitoring and recording devices shall be operated continuously when the emissions unit is in operation. The monitoring and recording devices shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manuals.
4. The permittee shall collect and record the following information for each day:
 - a. The difference in pressure between the permanent total enclosure and the surrounding area(s).
 - b. A log of the downtime for the capture (collection) system, control device, and monitoring equipment, when the associated emissions unit was in operation.

IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that include the following information:
 - a. An identification of each day during which the average hourly controlled organic compound emissions from the resins and cleanup materials exceeded 8 pounds per hour, and the actual average hourly controlled organic compound emissions for each such day.
 - b. An identification of each day during which the controlled organic compound emissions from the resins and cleanup materials exceeded 40 pounds per day, and the actual controlled organic compound emissions for each such day.
 - c. All 3-hour blocks of time 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.
 - d. All periods of time during which the permanent total enclosure was not maintained at the minimum differential pressure (inches of water) established during the most recent emission test that demonstrated that the emissions unit was in compliance.

These reports shall be submitted in accordance with paragraph A.1.c.ii. of the General Terms and Conditions.

2. The permittee shall also submit quarterly summaries that include a log of the downtime for the capture (collection) system, control device, and monitoring equipment, when the associated emissions unit was in operation.

These quarterly reports shall be submitted by April 30, July 31, October 31, and January 31 and shall cover the records for the previous calendar quarters.

V. Testing Requirements

1. Compliance with the emission limitations in Section A.I of these terms and conditions shall be determined in accordance with the following methods:
 - 1.a Emission Limitations-
Organic compound emissions shall not exceed 8 pounds per hour and 40 pounds per day.

Applicable Compliance Method-

Compliance may be based upon the records required pursuant to Section A.III.2. Compliance with the hourly emission limitation shall be demonstrated based upon the emission testing requirements specified in Section A.V.1.b.

V. Testing Requirements (continued)

- 1.b** The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:
- a. The emission testing shall be conducted within 3 months of the issuance of this permit and within 6 months prior to permit expiration.
 - b. The emission testing shall be conducted to determine the overall control efficiency (capture and control) for the control system.
 - c. 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.
 - d. The capture efficiency shall be determined using Methods 204 through 204F, as specified in 40 CFR Part 51, Appendix M, or the permittee may request to use an alternative method or procedure for the determination of capture efficiency in accordance with the USEPA's "Guidelines for Determining Capture Efficiency," dated January 9, 1995. (The Ohio EPA will consider the request, including an evaluation of the applicability, necessity, and validity of the alternative, and may approve the use of the alternative if such approval does not contravene any other applicable requirement.) 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.

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.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
---	---	--

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: SMC Thermosetting Press #214 (P042)

Activity Description: Sheet Molding Compound is molded by compression press into fiberglass reinforced plastic parts

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
sheet molding compound thermosetting press	OAC rule 3745-31-05(A)(3) (PTI 01-6346)	The requirements of this rule also include compliance with the requirements of OAC rules 3745-21-07(G)(2) and 3745-31-05(D).
	OAC rule 3745-21-07(G)(2)	Organic compound emissions shall not exceed 8 pounds per hour and 40 pounds per day.
	OAC rule 3745-31-05(D)	See A.I.2.a below.

2. Additional Terms and Conditions

- 2.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.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping 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).

III. Monitoring and/or Record Keeping Requirements (continued)

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 A.III.1.c 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 A.III.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).
 - f. The total number of hours of operation.
 - g. The average hourly organic compound emission rate for materials, i.e., (e)/(f), in pounds of organic compounds per hour (average).
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.

IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that include the following information:
 - a. An identification of each day during which the average hourly organic compound emission rate for this emissions unit exceeded 8 pounds per hour, and the actual average hourly organic compound emission rate for each such day.
 - b. 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.
 - c. 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.

These reports shall be submitted in accordance with paragraph A.1.c.ii. of the General Terms and Conditions.

V. Testing Requirements

1. Compliance with the emission limitations in Section A.I of these terms and conditions shall be determined in accordance with the following methods:
 - 1.a Emission Limitations-
Organic compound emissions shall not exceed 8 pounds per hour and 40 pounds per day.

Applicable Compliance Method-

Compliance may be based upon the records required pursuant to Section A.III. If required, the permittee shall demonstrate compliance with the hourly emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 25 or 25A, as appropriate.

V. Testing Requirements (continued)

1.b Emission Limitation-

The aggregate emissions of organic compounds 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 shall be based upon the records required pursuant to Section A.III.

- 2.** Formulation data shall be used to determine the organic compound content of the MR. The closed molding emission factor specified in Section 4.4, Table 4.4-2 of USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors (2%, by weight of the starting monomer emitted) shall be used to determine the organic compound contents of the SMC and IMC.

VI. Miscellaneous Requirements

- 1.** For purposes of this permit, an "hour of operation" shall be defined as any hour or part of an hour during which SMC is employed in the emissions unit.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
---	---	--

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: SMC Thermosetting Press #215 (P043)

Activity Description: Sheet Molding Compound is molded by compression press into fiberglass reinforced plastic parts

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
sheet molding compound thermosetting press	OAC rule 3745-31-05(A)(3) (PTI 01-6346)	The requirements of this rule also include compliance with the requirements of OAC rules 3745-21-07(G)(2) and 3745-31-05(D).
	OAC rule 3745-21-07(G)(2)	Organic compound emissions shall not exceed 8 pounds per hour and 40 pounds per day.
	OAC rule 3745-31-05(D)	See A.I.2.a below.

2. Additional Terms and Conditions

- 2.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.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping 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).

III. Monitoring and/or Record Keeping Requirements (continued)

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 A.III.1.c 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 A.III.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).
 - f. The total number of hours of operation.
 - g. The average hourly organic compound emission rate for materials, i.e., (e)/(f), in pounds of organic compounds per hour (average).
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.

IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that include the following information:
 - a. An identification of each day during which the average hourly organic compound emission rate for this emissions unit exceeded 8 pounds per hour, and the actual average hourly organic compound emission rate for each such day.
 - b. 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.
 - c. 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.

These reports shall be submitted in accordance with paragraph A.1.c.ii. of the General Terms and Conditions.

V. Testing Requirements

1. Compliance with the emission limitations in Section A.I of these terms and conditions shall be determined in accordance with the following methods:
 - 1.a Emission Limitations-
Organic compound emissions shall not exceed 8 pounds per hour and 40 pounds per day.

Applicable Compliance Method-

Compliance may be based upon the records required pursuant to Section A.III. If required, the permittee shall demonstrate compliance with the hourly emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 25 or 25A, as appropriate.

V. Testing Requirements (continued)

1.b Emission Limitation-

The aggregate emissions of organic compounds 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 shall be based upon the records required pursuant to Section A.III.

- 2.** Formulation data shall be used to determine the organic compound content of the MR. The closed molding emission factor specified in Section 4.4, Table 4.4-2 of USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors (2%, by weight of the starting monomer emitted) shall be used to determine the organic compound contents of the SMC and IMC.

VI. Miscellaneous Requirements

- 1.** For purposes of this permit, an "hour of operation" shall be defined as any hour or part of an hour during which SMC is employed in the emissions unit.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
---	---	--

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: SMC Thermosetting Press #216 (P044)

Activity Description: Sheet Molding Compound is molded by compression press into fiberglass reinforced plastic parts

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
sheet molding compound thermosetting press	OAC rule 3745-31-05(A)(3) (PTI 01-6346)	The requirements of this rule also include compliance with the requirements of OAC rules 3745-21-07(G)(2) and 3745-31-05(D).
	OAC rule 3745-21-07(G)(2)	Organic compound emissions shall not exceed 8 pounds per hour and 40 pounds per day.
	OAC rule 3745-31-05(D)	See A.I.2.a below.

2. Additional Terms and Conditions

- 2.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.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping 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).

III. Monitoring and/or Record Keeping Requirements (continued)

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 A.III.1.c 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 A.III.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).
 - f. The total number of hours of operation.
 - g. The average hourly organic compound emission rate for materials, i.e., (e)/(f), in pounds of organic compounds per hour (average).
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.

IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that include the following information:
 - a. An identification of each day during which the average hourly organic compound emission rate for this emissions unit exceeded 8 pounds per hour, and the actual average hourly organic compound emission rate for each such day.
 - b. 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.
 - c. 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.

These reports shall be submitted in accordance with paragraph A.1.c.ii. of the General Terms and Conditions.

V. Testing Requirements

1. Compliance with the emission limitations in Section A.I of these terms and conditions shall be determined in accordance with the following methods:
 - 1.a Emission Limitations-
Organic compound emissions shall not exceed 8 pounds per hour and 40 pounds per day.

Applicable Compliance Method-

Compliance may be based upon the records required pursuant to Section A.III. If required, the permittee shall demonstrate compliance with the hourly emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 25 or 25A, as appropriate.

V. Testing Requirements (continued)

1.b Emission Limitation-

The aggregate emissions of organic compounds 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 shall be based upon the records required pursuant to Section A.III.

- 2.** Formulation data shall be used to determine the organic compound content of the MR. The closed molding emission factor specified in Section 4.4, Table 4.4-2 of USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors (2%, by weight of the starting monomer emitted) shall be used to determine the organic compound contents of the SMC and IMC.

VI. Miscellaneous Requirements

- 1.** For purposes of this permit, an "hour of operation" shall be defined as any hour or part of an hour during which SMC is employed in the emissions unit.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
---	---	--

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: SMC Thermosetting Press #217 (P045)

Activity Description: Sheet Molding Compound is molded by compression press into fiberglass reinforced plastic parts

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
sheet molding compound thermosetting press	OAC rule 3745-31-05(A)(3) (PTI 01-6346)	The requirements of this rule also include compliance with the requirements of OAC rules 3745-21-07(G)(2) and 3745-31-05(D).
	OAC rule 3745-21-07(G)(2)	Organic compound emissions shall not exceed 8 pounds per hour and 40 pounds per day.
	OAC rule 3745-31-05(D)	See A.I.2.a below.

2. Additional Terms and Conditions

- 2.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.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping 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).

III. Monitoring and/or Record Keeping Requirements (continued)

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 A.III.1.c 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 A.III.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).
 - f. The total number of hours of operation.
 - g. The average hourly organic compound emission rate for materials, i.e., (e)/(f), in pounds of organic compounds per hour (average).
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.

IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that include the following information:
 - a. An identification of each day during which the average hourly organic compound emission rate for this emissions unit exceeded 8 pounds per hour, and the actual average hourly organic compound emission rate for each such day.
 - b. 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.
 - c. 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.

These reports shall be submitted in accordance with paragraph A.1.c.ii. of the General Terms and Conditions.

V. Testing Requirements

1. Compliance with the emission limitations in Section A.I of these terms and conditions shall be determined in accordance with the following methods:
 - 1.a Emission Limitations-
Organic compound emissions shall not exceed 8 pounds per hour and 40 pounds per day.

Applicable Compliance Method-

Compliance may be based upon the records required pursuant to Section A.III. If required, the permittee shall demonstrate compliance with the hourly emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 25 or 25A, as appropriate.

V. Testing Requirements (continued)

1.b Emission Limitation-

The aggregate emissions of organic compounds 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 shall be based upon the records required pursuant to Section A.III.

- 2.** Formulation data shall be used to determine the organic compound content of the MR. The closed molding emission factor specified in Section 4.4, Table 4.4-2 of USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors (2%, by weight of the starting monomer emitted) shall be used to determine the organic compound contents of the SMC and IMC.

VI. Miscellaneous Requirements

- 1.** For purposes of this permit, an "hour of operation" shall be defined as any hour or part of an hour during which SMC is employed in the emissions unit.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
---	---	--

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: SMC Maturation Room (P046)

Activity Description: In the maturation room, the Sheet Molding Compound (SMC) rolls are allowed to thicken to proper molding viscosity for about 3 days at roughly 80F.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
sheet molding compound (SMC) maturation room	OAC rule 3745-31-05(A)(3) (PTI 01-6439)	Organic compound emissions shall not exceed 30 pounds per day.

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping 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.

IV. 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).

V. Testing Requirements

1. Compliance with the emission limitation in Section A.I. of these terms and conditions shall be determined in accordance with the following method:

Facility Name: **Core Molding Technologies, Inc.**

Facility ID: **01-25-04-1046**

Emissions Unit: **SMC Maturation Room (P046)**

V. Testing Requirements (continued)

- 1.a** Emission 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 A.III.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
---	---	--

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Sheet Molding Compound 24" Machine (P047)

Activity Description: Layers of reinforcement and resin paste are applied and compacted to form the Sheet Molding Compound (SMC) in this machine. This machine has never been fully operational.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
24-inch sheet molding compound (SMC) machine controlled with a permanent total enclosure and thermal incinerator.	OAC rule 3745-31-05(A)(3) (PTI 01-6439)	Organic compound emissions shall not exceed 22.1 pounds per day.
	OAC rule 3745-21-07(G)(2)	See A.I.2 below. The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-07(G)(2). The overall control efficiency (capture and control) for the organic compound emissions employed in this emissions unit shall be at least 85%, by weight. The control efficiency of the thermal incinerator shall be at least 90%, by weight.

2. Additional Terms and Conditions

- 2.a The permittee shall operate and maintain a permanent total enclosure for this emissions unit.
- 2.b All cleanup activities associated with this emissions unit are performed in another permitted emissions unit.

II. Operational Restrictions

1. The average combustion temperature within the thermal incinerator, for any 3-hour block of time 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.
2. This emissions unit has not completed its initial compliance demonstration. Until the minimum pressure differential is established during the initial compliance demonstration, the permanent total enclosure will be operated under negative pressure whenever the emissions unit is in operation. After the initial compliance demonstration, the permanent total enclosure shall be maintained under negative pressure, at a minimum pressure differential that is not less than the minimum pressure differential (inches of water) established during the most recent emission test that demonstrated the emissions unit was in compliance, whenever the emissions unit is in operation.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall operate and maintain a continuous temperature monitor and recorder which measures and records the combustion temperature within the thermal incinerator 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 installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, with any modifications deemed necessary by the permittee.

The permittee shall collect and record the following information for each day for the control equipment:

- a. All 3-hour blocks of time 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 emission test that demonstrated that the emissions unit was in compliance.
- b. A log of the downtime for the capture (collection) system, control device, and monitoring equipment, when the associated emissions unit was in operation.

2. Within 12 months after the effective date of this permit, the permittee shall install, operate and maintain monitoring devices and a recorder which simultaneously measure and record the pressure inside and outside the permanent total enclosure. The monitoring and recording devices shall be operated continuously when the emissions unit is in operation. The monitoring and recording devices shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manuals.

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

3. 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). The emission factor established for emissions unit P007 shall be used to calculate this record until this emissions unit completes its initial compliance demonstration.

IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that identify the following:
 - a. All 3-hour blocks of time 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. After the pressure monitoring and recording devices are installed, all periods of time 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 A.I.

These reports shall be submitted in accordance with paragraph A.1.c.ii. of the General Terms and Conditions.

IV. Reporting Requirements (continued)

2. The permittee shall also submit quarterly summaries that include a log of the downtime for the capture (collection) system, control device, and monitoring equipment, when the associated emissions unit was in operation.

These quarterly reports shall be submitted by April 30, July 31, October 31, and January 31 and shall cover the records for the previous calendar quarters.

V. Testing Requirements

1. The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:
 - a. The emission testing shall be conducted within 12 months of the issuance of this permit and within 6 months prior to permit expiration.
 - b. The emission testing shall be conducted to demonstrate compliance with the 85%, by weight, overall control efficiency (capture and control) and the 90%, by weight, thermal incinerator control efficiency requirements specified in Section A.I.
 - c. 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.
 - d. The capture efficiency shall be determined using Methods 204 through 204F, as specified in 40 CFR Part 51, Appendix M, or the permittee may request to use an alternative method or procedure for the determination of capture efficiency in accordance with the USEPA's "Guidelines for Determining Capture Efficiency," dated January 9, 1995. (The Ohio EPA will consider the request, including an evaluation of the applicability, necessity, and validity of the alternative, and may approve the use of the alternative if such approval does not contravene any other applicable requirement.) 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.

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.

V. Testing Requirements (continued)

2. Emission Limitation-
Organic compound emissions shall not exceed 22.1 pounds per day.

Applicable Compliance Method-
Compliance with this emission limitation shall be based upon the records required pursuant to Section A.III.
Formulation data or USEPA Method 24 shall be used to determine the organic compound contents of the coatings.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
---	---	--

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Batch Paint Booth Oven (P048)

Activity Description: Assembly dept batch oven to cure paint applied in batch booth.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
batch paint booth oven	OAC rule 3745-21-07(G)(1)	Organic compound emissions shall not exceed 3 pounds per hour and 15 pounds per day.

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each day for the oven:
 - a. The total (prior to applying the booth/oven "split") uncontrolled daily organic compound emission rate for all coatings employed in the coating operation associated with this emissions unit, multiplied by the maximum percentage of the emissions associated with this emissions unit (as defined in Section A.VI of this permit), in pounds per day.
 - b. The total number of hours this emissions unit was in operation.
 - c. The average hourly organic compound emission rate, i.e., (a)/(b), in pounds per hour (average).

IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that include the following information:
 - a. An identification of each day during which the average hourly organic compound emissions exceeded 3 pounds per hour, and the actual average hourly organic compound emissions for each such day.
 - b. An identification of each day during which the organic compound emissions exceeded 15 pounds per day, and the actual organic compound emissions for each such day.

These reports shall be submitted in accordance with paragraph A.1.c.ii. of the General Terms and Conditions.

V. Testing Requirements

1. Compliance with the emission limitations in Section A.I of these terms and conditions shall be determined in accordance with the following methods:

- 1.a Emission Limitations-
Organic compound emissions shall not exceed 3 pounds per hour and 15 pounds per day.

Applicable Compliance Method -

Compliance may be based upon the records required pursuant to Section A.III. If required, the permittee shall demonstrate compliance with the hourly emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 25 or 25A, as appropriate.

VI. Miscellaneous Requirements

1. For purposes of calculating the organic compound emission rates for this emissions unit and the associated spray booth (R006), the permittee shall utilize a value of 88% as the maximum percentage of the organic compounds employed in the spray booth that are emitted uncontrolled from the spray booth. The remaining 12% of the organic compounds employed in the spray booth shall be considered to be the uncontrolled emissions for this emissions unit. This "split" of organic compound emissions between this emissions unit and the associated spray booth is based upon process engineering calculations and the results of the mass emission tests performed for emissions units R002 and P002 on May 14 and 15, 1996, and the results of the capture and destruction efficiency tests for the Reeco thermal incinerator performed on June 30, 1993 and November 17, 1992.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
---	---	--

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Plastic Part Coating South Booth with Flash Tunnel (R001)

Activity Description: The fiberglass reinforced molded parts are coated with solvent-based paint in this booth.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

- The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Plastic part coating booth with flash tunnel (South Booth), controlled with a water wash and double frame filter.	OAC rule 3745-31-05(A)(3) (PTI 01-6888)	Organic compound emissions shall not exceed 28 pounds per hour.
		Organic compound emissions shall not exceed 66.2 tons per year, including cleanup materials.
		The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07(A) and 3745-17-11(B)(1).
		None, see A.II.1 below.
	OAC rule 3745-21-07(G)	
	OAC rule 3745-17-07(A)	Visible particulate emissions shall not exceed 20% opacity as a 6-minute average, except as provided by rule.
	OAC rule 3745-17-11(B)(1)	Particulate emissions shall not exceed 0.551 pound per hour.

2. Additional Terms and Conditions

None

II. Operational Restrictions

- The use of photochemically reactive materials, as defined in OAC rule 3745-21-01(C)(5), in this emissions unit is prohibited.
- The permittee shall operate the water wash and double frame filter when this emissions unit is in operation.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each day for this emissions unit:
 - a. The company identification of each coating and cleanup material employed.
 - b. Whether or not each coating and cleanup material employed is a photochemically reactive material.
 - c. Whether or not the water wash and double frame filter were in service when the emissions unit was in operation.
2. The permittee shall collect and record the following information each day for this emissions unit:
 - a. The number of gallons of each coating employed.
 - b. The organic compound content of each coating, in pounds per gallon.
 - c. The total potential (prior to applying the booth/oven "split") daily organic compound emission rate for all coatings, in pounds per day.
 - d. The total potential daily organic compound emission rate for all coatings multiplied by the maximum percentage of the emissions associated with this emissions unit (as defined in Section A.VI.1 of this permit), in pounds per day.
 - e. The total number of hours the emissions unit was in operation.
 - f. The average hourly organic compound emission rate for all coatings, i.e., (d)/(e), in pounds per hour (average).

[Note: The coating information must be for the coatings as employed, including any thinning solvents added at the emissions unit.]
3. The permittee shall collect and record the following information each month for the purpose of determining annual organic compound emissions:
 - a. The number of gallons of each cleanup material employed.
 - b. The organic compound content of each cleanup material, in pounds per gallon.
 - c. The total organic compound emission rate for all cleanup materials, in pounds.
 - d. The total organic compound emission rate for all coatings, i.e., the summation of the daily values from Section A.III.2.d, in pounds.
 - e. The total organic compound emission rate for all coatings and cleanup materials, i.e., (c) + (d), in pounds.

IV. Reporting Requirements

1. The permittee shall notify the Director (the Ohio EPA, Central District Office) in writing of any daily record showing that (a) a photochemically reactive material was employed in this emissions unit, and/or (b) the water wash and double frame filter were not in service when the emissions unit was in operation. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Central District Office) within 30 days after the event occurs.
2. The permittee shall submit quarterly deviation (excursion) reports that include an identification of each day during which the average hourly organic compound emissions from the coatings exceeded 28 pounds per hour, and the actual average hourly organic compound emissions for each such day.

These reports shall be submitted in accordance with paragraph A.1.c.ii. of the General Terms and Conditions.

IV. Reporting Requirements (continued)

3. The permittee shall also submit annual reports that specify the total organic compound emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.

V. Testing Requirements

1. Compliance with the emission limitations in Section A.I of these terms and conditions shall be determined in accordance with the following methods:
 - 1.a Emission Limitation:
Visible particulate emissions shall not exceed 20% opacity as a 6-minute average, except as provided by rule.

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).

- 1.b Emission Limitation:
Particulate emissions shall not exceed 0.551 pound per hour.

Applicable Compliance Method:

To determine the actual worst case emission rate for particulates, the following equation may be used:

$$E = (M) * (1-TE) * (1-CE)$$

where:

E = particulate matter emission rate (lbs/hr),

M = maximum coating solids usage rate (lbs/hr),

TE = transfer efficiency of coating equipment (ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used, 0.35 for air spray guns),

CE = control efficiency of the control equipment (31.6% for the double frame filters; 99% for the water wash). If more than one piece of control equipment is used in series, the equation should be multiplied by additional (1-CE) terms for each additional piece of equipment.

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with the methods and procedures specified in OAC rule 3745-17-03(B)(10).

- 2.a Emission Limitation:
Organic compound emissions shall not exceed 28 pounds per hour.

Applicable Compliance Method:

Compliance may be based upon the records required pursuant to Section A.III. If required, the permittee shall demonstrate compliance with this emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 25 or 25A, as appropriate.

- 2.b Emission Limitation:
Organic compound emissions shall not exceed 66.2 tons per year, including cleanup materials.

Applicable Compliance Method:

Compliance shall be based upon the records required pursuant to Section A.III.

3. Formulation data or USEPA Method 24 shall be used to determine the organic compound contents of the coatings and cleanup materials.

VI. Miscellaneous Requirements

1. For purposes of calculating the organic compound emission rates for this emissions unit and the associated oven (P001), the permittee shall utilize a value of 84.8% as the maximum percentage of the organic compounds employed in this emissions unit that are emitted uncontrolled from the emissions unit. The remaining 15.2% of the organic compounds employed in this emissions unit shall be considered to be the uncontrolled emissions for the associated oven. This "split" of organic compound emissions between this emissions unit and the associated oven is based upon process engineering calculations and the results of the mass emission tests performed for this emissions unit and the associated oven on May 14 and 15, 1996, and the results of the capture and destruction efficiency tests for the Reeco thermal incinerator performed on June 30, 1993 and November 17, 1992.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
---	---	--

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Plastic Part Coating North Booth with Flash Tunnel (R002)

Activity Description: The fiberglass reinforced molded parts are coated with solvent-based paint in this booth.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

- The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Plastic part coating booth with flash tunnel (North Booth), controlled with a water wash and double frame filter.	OAC rule 3745-31-05(A)(3) (PTI 01-6888)	Organic compound emissions shall not exceed 29 pounds per hour.
		Organic compound emissions shall not exceed 68.4 tons per year, including cleanup materials.
		The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07(A) and 3745-17-11(B)(1).
		None, see A.II.1 below.
	OAC rule 3745-21-07(G)	
	OAC rule 3745-17-07(A)	Visible particulate emissions shall not exceed 20% opacity as a 6-minute average, except as provided by rule.
	OAC rule 3745-17-11(B)(1)	Particulate emissions shall not exceed 0.551 pound per hour.

2. Additional Terms and Conditions

None

II. Operational Restrictions

- The use of photochemically reactive materials, as defined in OAC rule 3745-21-01(C)(5), in this emissions unit is prohibited.
- The permittee shall operate the water wash and double frame filter when this emissions unit is in operation.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each day for this emissions unit:
 - a. The company identification of each coating and cleanup material employed.
 - b. Whether or not each coating and cleanup material employed is a photochemically reactive material.
 - c. Whether or not the water wash and double frame filter were in service when the emissions unit was in operation.
2. The permittee shall collect and record the following information each day for this emissions unit:
 - a. The number of gallons of each coating employed.
 - b. The organic compound content of each coating, in pounds per gallon.
 - c. The total potential (prior to applying the booth/oven "split") daily organic compound emission rate for all coatings, in pounds per day.
 - d. The total potential daily organic compound emission rate for all coatings multiplied by the maximum percentage of the emissions associated with this emissions unit (as defined in Section A.VI.1 of this permit), in pounds per day.
 - e. The total number of hours the emissions unit was in operation.
 - f. The average hourly organic compound emission rate for all coatings, i.e., (d)/(e), in pounds per hour (average).

[Note: The coating information must be for the coatings as employed, including any thinning solvents added at the emissions unit.]
3. The permittee shall collect and record the following information each month for the purpose of determining annual organic compound emissions:
 - a. The number of gallons of each cleanup material employed.
 - b. The organic compound content of each cleanup material, in pounds per gallon.
 - c. The total organic compound emission rate for all cleanup materials, in pounds.
 - d. The total organic compound emission rate for all coatings, i.e., the summation of the daily values from Section A.III.2.d, in pounds.
 - e. The total organic compound emission rate for all coatings and cleanup materials, i.e., (c) + (d), in pounds.

IV. Reporting Requirements

1. The permittee shall notify the Director (the Ohio EPA, Central District Office) in writing of any daily record showing that (a) a photochemically reactive material was employed in this emissions unit, and/or (b) the water wash and double frame filter were not in service when the emissions unit was in operation. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Central District Office) within 30 days after the event occurs.
2. The permittee shall submit quarterly deviation (excursion) reports that include an identification of each day during which the average hourly organic compound emissions from the coatings exceeded 29 pounds per hour, and the actual average hourly organic compound emissions for each such day.

These reports shall be submitted in accordance with paragraph A.1.c.ii. of the General Terms and Conditions.

IV. Reporting Requirements (continued)

3. The permittee shall also submit annual reports that specify the total organic compound emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.

V. Testing Requirements

1. Compliance with the emission limitations in Section A.I of these terms and conditions shall be determined in accordance with the following methods:
 - 1.a Emission Limitation:
Visible particulate emissions shall not exceed 20% opacity as a 6-minute average, except as provided by rule.

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).

- 1.b Emission Limitation:
Particulate emissions shall not exceed 0.551 pound per hour.

Applicable Compliance Method:

To determine the actual worst case emission rate for particulates, the following equation may be used:

$$E = (M) * (1-TE) * (1-CE)$$

where:

E = particulate matter emission rate (lbs/hr),

M = maximum coating solids usage rate (lbs/hr),

TE = transfer efficiency of coating equipment (ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used, 0.35 for air spray guns),

CE = control efficiency of the control equipment (31.6% for the double frame filters; 99% for the water wash). If more than one piece of control equipment is used in series, the equation should be multiplied by additional (1-CE) terms for each additional piece of equipment.

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with the methods and procedures specified in OAC rule 3745-17-03(B)(10).

- 2.a Emission Limitation:
Organic compound emissions shall not exceed 29 pounds per hour.

Applicable Compliance Method:

Compliance may be based upon the records required pursuant to Section A.III. If required, the permittee shall demonstrate compliance with this emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 25 or 25A, as appropriate.

- 2.b Emission Limitation:
Organic compound emissions shall not exceed 68.4 tons per year, including cleanup materials.

Applicable Compliance Method:

Compliance shall be based upon the records required pursuant to Section A.III.

3. Formulation data or USEPA Method 24 shall be used to determine the organic compound contents of the coatings and cleanup materials.

VI. Miscellaneous Requirements

1. For purposes of calculating the organic compound emission rates for this emissions unit and the associated oven (P002), the permittee shall utilize a value of 88.4% as the maximum percentage of the organic compounds employed in this emissions unit that are emitted uncontrolled from the emissions unit. The remaining 11.6% of the organic compounds employed in this emissions unit shall be considered to be the uncontrolled emissions for the associated oven. This "split" of organic compound emissions between this emissions unit and the associated oven is based upon process engineering calculations and the results of the mass emission tests performed for this emissions unit and the associated oven on May 14 and 15, 1996, and the results of the capture and destruction efficiency tests for the Reeco thermal incinerator performed on June 30, 1993 and November 17, 1992.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
---	---	--

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Batch Paint Booth #1 (R005)
Activity Description: Paint dept. batch paint booth.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Batch paint booth controlled with a double frame filter.	OAC rule 3745-21-07(G)(2)	Organic compound emissions shall not exceed 8 pounds per hour and 40 pounds per day.
	OAC rule 3745-17-07(A)	Visible particulate emissions shall not exceed 20% opacity as a 6-minute average, except as provided by rule.
	OAC rule 3745-17-11(B)(1)	Particulate emissions shall not exceed 0.551 pound per hour.

2. Additional Terms and Conditions

- 2.a All cleanup activities associated with this emissions unit are performed in another permitted emissions unit.

II. Operational Restrictions

1. The permittee shall operate the double frame filter when this emissions unit is in operation.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each day for the coating operation:
 - a. The company identification for each coating employed.
 - b. The number of gallons of each coating employed.
 - c. The organic compound content of each coating, in pounds per gallon.
 - d. The total (prior to applying the booth/oven "split") daily organic compound emission rate for all coatings, in pounds per day.
 - e. The total daily organic compound emission rate for all coatings multiplied by the maximum percentage of the emissions associated with this emissions unit (as defined in Section A.VI. of this permit), in pounds per day.
 - f. The total number of hours the emissions unit was in operation.
 - g. The average hourly organic compound emission rate for the coatings , i.e., (e)/(f), in pounds per hour (average).
 - h. Whether or not the double frame filter was in service when the emissions unit was in operation.

[Note: The coating information must be for the coatings as employed, including any thinning solvents added at the emissions unit. Also, the definitions of "photochemically reactive" and "nonphotochemically reactive" are based upon OAC rule 3745-21-01(C)(5).]

IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that include the following information:
 - a. An identification of each day during which the average hourly organic compound emissions from the coatings exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day.
 - b. An identification of each day during which the organic compound emissions from the coatings 40 pounds per day, and the actual organic compound emissions for each such day.
 - c. An identification of each day during which the emissions unit was in operation and the double frame filter was not in service.

These reports shall be submitted in accordance with paragraph A.1.c.ii. of the General Terms and Conditions.

V. Testing Requirements

1. Compliance with the emission limitations in Section A.I of these terms and conditions shall be determined in accordance with the following methods:
 - 1.a Emission Limitation-
Organic compound emissions shall not exceed 8 pounds per hour.

Applicable Compliance Method-

Compliance may be based upon the records required pursuant to Section A.III. If required, the permittee shall demonstrate compliance with this emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 25 or 25A, as appropriate.

V. Testing Requirements (continued)

- 1.b** Emission Limitation-
Organic compound emissions shall not exceed 40 pounds per day.
- Applicable Compliance Method-
Compliance shall be based upon the records required pursuant to Section A.III.
- 1.c** Emission Limitation-
Visible particulate emissions shall not exceed 20% opacity as a 6-minute average, except as provided by rule.
- 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).
- 1.d** Emission Limitation-
Particulate emissions shall not exceed 0.551 pound per hour.
- Applicable Compliance Method-
To determine the actual worst case emission rate for particulates, the following equation may be used:
- $$E = (M) * (1-TE) * (1-CE)$$
- where:
- E = particulate matter emission rate (lbs/hr),
M = maximum coating solids usage rate (lbs/hr),
TE = transfer efficiency of coating equipment (ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used, 0.35 for air spray guns),
CE = control efficiency of the control equipment (31.6% for the double frame filter).
- If required, the permittee shall demonstrate compliance with this emission limitation in accordance with the methods and procedures specified in OAC rule 3745-17-03(B)(10).
- 2.** Formulation data or USEPA Method 24 shall be used to determine the organic compound content of the coatings.

VI. Miscellaneous Requirements

- 1.** For purposes of calculating the organic compound emission rates for this emissions unit and the associated oven (P030), the permittee shall utilize a value of 88.4% as the maximum percentage of the organic compounds employed in this emissions unit that are emitted uncontrolled from the emissions unit. The remaining 11.6% of the organic compounds employed in this emissions unit shall be considered to be the uncontrolled emissions for the associated oven. This "split" of organic compound emissions between this emissions unit and the associated oven is based upon process engineering calculations and the results of the mass emission tests performed for emissions units R002 and P002 on May 14 and 15, 1996, and the results of the capture and destruction efficiency tests for the Reeco thermal incinerator performed on June 30, 1993 and November 17, 1992.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
---	---	--

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Batch Paint Booth #2 (R006)
Activity Description: Assembly dept. batch paint booth (92/9400 area).

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Batch paint booth controlled with a double frame filter.	OAC rule 3745-21-07(G)(2)	Organic compound emissions shall not exceed 8 pounds per hour and 40 pounds per day.
	OAC rule 3745-17-07(A)	Visible particulate emissions shall not exceed 20% opacity as a 6-minute average, except as provided by rule.
	OAC rule 3745-17-11(B)(1)	Particulate emissions shall not exceed 0.551 pound per hour.

2. Additional Terms and Conditions

- 2.a All cleanup activities associated with this emissions unit are performed in another permitted emissions unit.

II. Operational Restrictions

1. The permittee shall operate the double frame filter when this emissions unit is in operation.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each day for the coating operation:
 - a. The company identification for each coating employed.
 - b. The number of gallons of each coating employed.
 - c. The organic compound content of each coating, in pounds per gallon.
 - d. The total (prior to applying the booth/oven "split") daily organic compound emission rate for all coatings, in pounds per day.
 - e. The total daily organic compound emission rate for all coatings multiplied by the maximum percentage of the emissions associated with this emissions unit (as defined in Section A.VI. of this permit), in pounds per day.
 - f. The total number of hours the emissions unit was in operation.
 - g. The average hourly organic compound emission rate for the coatings , i.e., (e)/(f), in pounds per hour (average).
 - h. Whether or not the double frame filter was in service when the emissions unit was in operation.

[Note: The coating information must be for the coatings as employed, including any thinning solvents added at the emissions unit. Also, the definitions of "photochemically reactive" and "nonphotochemically reactive" are based upon OAC rule 3745-21-01(C)(5).]

IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that include the following information:
 - a. An identification of each day during which the average hourly organic compound emissions from the coatings exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day.
 - b. An identification of each day during which the organic compound emissions from the coatings 40 pounds per day, and the actual organic compound emissions for each such day.
 - c. An identification of each day during which the emissions unit was in operation and the double frame filter was not in service.

These reports shall be submitted in accordance with paragraph A.1.c.ii. of the General Terms and Conditions.

V. Testing Requirements

1. Compliance with the emission limitations in Section A.I of these terms and conditions shall be determined in accordance with the following methods:
 - 1.a Emission Limitation-
Organic compound emissions shall not exceed 8 pounds per hour.

Applicable Compliance Method-

Compliance may be based upon the records required pursuant to Section A.III. If required, the permittee shall demonstrate compliance with this emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 25 or 25A, as appropriate.

V. Testing Requirements (continued)

- 1.b** Emission Limitation-
Organic compound emissions shall not exceed 40 pounds per day.

Applicable Compliance Method-
Compliance shall be based upon the records required pursuant to Section A.III.

- 1.c** Emission Limitation-
Visible particulate emissions shall not exceed 20% opacity as a 6-minute average, except as provided by rule.

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).

- 1.d** Emission Limitation-
Particulate emissions shall not exceed 0.551 pound per hour.

Applicable Compliance Method-
To determine the actual worst case emission rate for particulates, the following equation may be used:

$$E = (M) * (1-TE) * (1-CE)$$

where:

E = particulate matter emission rate (lbs/hr),

M = maximum coating solids usage rate (lbs/hr),

TE = transfer efficiency of coating equipment (ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used, 0.35 for air spray guns),

CE = control efficiency of the control equipment (31.6% for the double frame filter).

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with the methods and procedures specified in OAC rule 3745-17-03(B)(10).

- 2.** Formulation data or USEPA Method 24 shall be used to determine the organic compound content of the coatings.

VI. Miscellaneous Requirements

- 1.** For purposes of calculating the organic compound emission rates for this emissions unit and the associated oven (P030), the permittee shall utilize a value of 88.4% as the maximum percentage of the organic compounds employed in this emissions unit that are emitted uncontrolled from the emissions unit. The remaining 11.6% of the organic compounds employed in this emissions unit shall be considered to be the uncontrolled emissions for the associated oven. This "split" of organic compound emissions between this emissions unit and the associated oven is based upon process engineering calculations and the results of the mass emission tests performed for emissions units R002 and P002 on May 14 and 15, 1996, and the results of the capture and destruction efficiency tests for the Reeco thermal incinerator performed on June 30, 1993 and November 17, 1992.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
---	---	--

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

THIS IS THE LAST PAGE OF THE PERMIT
