



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

09/29/00

**CERTIFIED MAIL**

**RE: Final Title V Chapter 3745-77  
permit**

02-04-03-0272  
Hadlock Plastics Inc.  
Carl Gunther  
110 North Eagle St.  
Geneva, OH 44041-1196

Dear Carl Gunther:

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 Northeast District Office.

Very truly yours,

Thomas G. Rigo, Manager  
Field Operations and Permit Section  
Division of Air Pollution Control

cc: Northeast District Office  
Becky Castle, DAPC PMU



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**Ohio EPA**  
State of Ohio Environmental Protection Agency

**TITLE V PERMIT**

Issue Date: 09/29/00

**FINAL ISSUANCE**

Effective Date: 09/29/00

Expiration Date: 09/29/05

This document constitutes issuance to:

Hadlock Plastics Inc.  
110 North Eagle St.  
Geneva, OH 44041-1196

of a Title V permit for Facility ID: 02-04-03-0272

Emissions Unit ID (Company ID)/  
Emissions Unit Activity Description:  
P002 (RTM)  
Resin Transfer Molding

P003 (FRP-PRESSES)  
FRP Molding Presses

R001 (SB001)  
Chop Booth and Mat Molding

R002 (SB002)  
Tooling Gelcoating Booth

R003 (SB003)  
Finishing Paintbooth Clean Room

R004 (SB004)  
Finishing Prime West Paint Booth

R005 (SB005)  
Finishing Prime East Paint Booth

R006 (SB006)  
Finishing Paint Booth South

R007 (SB007)  
Finishing Paint Booth North

R008 (SB008)  
Chop and Spray Molding Booth

R009 (SB009)  
Mat Molding Gelcoat Spray Booth

R010 (SB010)  
Gelcoating Booth

Z002 (PARTS CLEANING)  
Fugitive Emissions Cold Cleaning of Plastic Parts

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 3745-77-04(A) 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 Ohio EPA District Office or local air agency that is responsible for processing and administering your Title V permit:

Northeast District Office  
2110 East Aurora Road  
Twinsburg, OH 44087  
(330) 425-9171

**OHIO ENVIRONMENTAL PROTECTION AGENCY**

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Christopher Jones  
Director

# PART I - GENERAL TERMS AND CONDITIONS

## A. State and Federally Enforceable Section

### 1. Monitoring and Related Recordkeeping 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.
- 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.
- c. Except as may otherwise be provided in the terms and conditions for a specific emissions unit, the permittee shall submit required reports in the following manner:
  - i. Reports of any required monitoring and/or recordkeeping information shall be submitted to the appropriate Ohio EPA District Office or local air agency.
  - ii. Quarterly written reports of (i) any deviations from federally enforceable emission limitations, operational restrictions, and control device operating parameter limitations, excluding deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06, that have been detected by the testing, monitoring and recordkeeping requirements specified in this permit, (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. These quarterly written reports shall satisfy the requirements of OAC rule 3745-77-07(A)(3)(c)(i) and (ii) pertaining to the submission of monitoring reports every six months and OAC rule 3745-77-07(A)(3)(c)(iii) pertaining to the prompt reporting of all deviations except malfunctions, which shall be reported in accordance with OAC rule 3745-15-06. 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. (These quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.) See B.8 below if no deviations occurred during the quarter.
  - iii. Written reports, which identify any deviations from the federally enforceable monitoring, recordkeeping, 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. 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, recordkeeping, 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.

- 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 are true, accurate, and complete.

**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, i.e., upset, 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. (The definition of an upset condition shall be the same as that used in OAC rule 3745-15-06(B)(1) for a malfunction.) The verbal and written reports submitted pursuant to OAC rule 3745-15-06 shall satisfy the requirements of OAC rule 3745-77-07(A)(3)(c)(iii) pertaining to the prompt reporting of deviations caused by malfunctions or upsets.

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 emission unit(s) that is (are) served by such control system(s).

**3. Risk Management Plans**

If the permittee is required to 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"), the permittee shall comply with the requirement to register such a plan.

**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.

**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.

**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. 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.

**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.

**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.

**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.

**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 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.

## **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.

## **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 appropriate Ohio EPA District Office or local air agency 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.

### **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.

### **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).

## **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.

## **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, 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; and
- 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 further clarification, the permittee can refer to Engineering Guide #63 that is available in their STARSHIP software package.)

## **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.

## **B. State Only Enforceable Section**

### **1. 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.

### **2. Reporting Requirements Related to Monitoring and Recordkeeping Requirements**

The permittee shall submit required reports in the following manner:

- a. Reports of any required monitoring and/or recordkeeping 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 (a) any deviations (excursions) from emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring, and recordkeeping requirements specified in this permit, (b) the probable cause of such deviations, and (c) 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. 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.)

### **3. 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.

### **4. 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.

**5. 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).

**6. 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.

**7. 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.

**8. 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:

P001-Sanding and trimming operations  
Z001-Air makeup heater

Each insignificant emissions unit at this facility must comply with all applicable State and federal regulations, as well as any emissions 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:** RTM (P002)

**Activity Description:** Resin Transfer Molding

#### 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>
Resin transfer molding	OAC 3745-21-07(G)(2)	Emissions of organic compounds shall not exceed 8 pounds per hour and 40 pounds per day from resin transfer molding operations.
	OAC 3745-31-05 PTI 02-8493	None.

##### 2. Additional Terms and Conditions

- 2.a The emissions of organic compounds from the resin transfer molding operations consist of styrene only.

##### 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 resin transfer molding operations:
  - a. the company identification for each resin and photochemically reactive cleanup material employed;
  - b. the number of gallons of each resin and photochemically reactive cleanup material employed;
  - c. the organic compound (OC) content of each resin and photochemically reactive cleanup material, in pounds per gallon;
  - d. the organic compound emission rate for each resin and photochemically reactive cleanup material, in pounds OC per day;
  - e. the total organic compound emission rate for all resins and photochemically reactive cleanup materials, in pounds OC per day;
  - f. the total number of hours each day that the emissions unit was in operation; and
  - g. the average hourly OC emission rate for all resins and photochemically reactive cleanup materials, i.e., (e)/(f), in pounds per hour.

#### IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports to the Ohio EPA, Northeast District Office which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from resin transfer molding operations and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and
  - b. an identification of each day during which the organic compound emissions from resin transfer molding operations and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

#### V. Testing Requirements

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

- 1.a Emission Limitation-  
8 pounds of organic compound emissions per hour

Applicable Compliance Method-

Compliance shall be determined based upon the record keeping specified in Section A.III. of these terms and conditions.

- 1.b Emission Limitation-  
40 pounds of organic compound emissions per day

Applicable Compliance Method-

Compliance shall be determined based upon the record keeping specified in Section A.III. of these terms and conditions and by employing the following formula(s):

- i. To calculate emissions from resin transfer molding materials for purposes of determining compliance, the permittee shall employ the following formula(s):

$$E_i = V_i \times OC_i \times EF_i$$

Where:

$i$  = subscript denoting a specific resin transfer molding material employed.

$E_i$  = the organic compound emissions for resin transfer molding material  $i$ , in pounds per day.

$V_i$  = the total volume of each resin transfer molding material  $i$ , as specified in section A.III.1.b., in gallons per day.

$OC_i$  = the organic compound content of the resin transfer molding material  $i$ , in pounds per gallon.

$EF_i$  = 3 percent for organic compound emissions in a non-vapor suppressed molding operation from the resin transfer molding material  $i$ , in closed molding production (emission factor from AP-42, Table 4.12-2, Edition 9/88).

- ii. To identify emissions from photochemically reactive cleanup materials for purposes of determining compliance, the permittee shall use the record keeping specified in Section A.III.

- iii. The total organic compound emission rate shall be calculated by summing the daily organic compound emissions from all resin transfer molding materials and photochemically reactive cleanup materials, in pounds per day.

Facility Name: **Hadlock Plastics Inc.**

Facility ID: **02-04-03-0272**

Emissions Unit: **RTM (P002)**

**V. Testing Requirements (continued)**

2. Formulation data or Method 24 (40 CFR Part 60, Appendix A) shall be used to determine the organic compound contents of the resin transfer molding materials and photochemically reactive cleanup materials employed in the emissions unit.

**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>
Resin transfer molding	None.	None.

**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:** FRP-PRESSES (P003)  
**Activity Description:** FRP Molding Presses

**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>
Seven compression mold presses for plastic parts	OAC 3745-21-07(G)(2)  OAC 3745-31-05 PTI 02-0268	Emissions of organic compounds shall not exceed 8 pounds per hour from operation of compression mold presses. See A.I.2.a below.  Emissions of organic compounds shall not exceed 23.5 pounds per day and 4.3 tons per year from operation of compression mold presses. See A.I.2.b below.

**2. Additional Terms and Conditions**

- 2.a The daily emission limit specified in this rule is less stringent than the daily limit established pursuant to OAC rule 3745-31-05(A)(3).
- 2.b The emissions of organic compounds from the seven compression mold presses consist of styrene only.

**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 seven compression mold presses:
  - a. the company identification for each mold compound and cleanup material employed;
  - b. the number of gallons of each mold compound and cleanup material employed;
  - c. the organic compound (OC) content of each mold compound and cleanup material, in pounds per gallon;
  - d. the organic compound emission rate for each mold compound and cleanup material, in pounds OC per day;
  - e. the total organic compound emission rate for all mold compounds and cleanup materials employed at all of the mold presses, in pounds per day;
  - f. the number of hours per day that any one of the mold presses associated with this emissions unit was in operation \*; and
  - g. the average hourly organic compound emission rate for all mold compounds and cleanup materials employed, i.e., (e)/(f), in pounds per hour.

\* Operating hours shall be defined as the number of hours that any one mold press was operating.

### IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports to the Ohio EPA, Northeast District Office which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the seven compression mold presses and cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and
  - b. an identification of each day during which the organic compound emissions from the seven compression mold presses and cleanup materials exceeded 23.5 pounds per day, and the actual organic compound emissions for each such day.
2. The permittee shall submit annual reports which specify the total organic compound emissions from this emissions unit for the previous calendar year, in tons per year. These reports shall be submitted by January 31 of each year.

### V. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.I.1. of these terms and conditions shall be determined in accordance with the following method(s):
  - 1.a Emission Limitation-  
8 pounds of organic compound emissions per hour  
  
Applicable Compliance Method-  
Compliance shall be determined based upon the record keeping specified in Section A.III. of these terms and conditions.

## V. Testing Requirements (continued)

- 1.b** Emission Limitation-  
23.5 pounds of organic compound emissions per day

Applicable Compliance Method-

Compliance shall be determined based upon the record keeping specified in Section A.III. of these terms and conditions and by employing the following formula(s):

- i. To calculate emissions from the mold compound(s) used in the seven compression mold presses for purposes of determining compliance, the permittee shall employ the following formula(s):

$$E_i = V_i \times OC_i \times EF_i$$

Where:

$i$  = subscript denoting a specific mold compound employed.

$E_i$  = the organic compound emissions for the mold compound  $i$ , in pounds per day.

$V_i$  = the total volume of each mold compound  $i$ , as specified in Section A.III.1.b., in gallons per day.

$OC_i$  = the organic compound content of the mold compound  $i$ , in pounds per gallon.

$EF_i$  = 3 percent for organic compound emissions in a non-vapor suppressed molding operation from the mold compound  $i$ , in closed molding production (emission factor from AP-42, Table 4.12-2, Edition 9/88).

- ii. To identify emissions from cleanup materials for purposes of determining compliance, the permittee shall use the record keeping specified in Section A.III.

iii. The total organic compound emission rate shall be calculated by summing the daily organic compound emissions from all mold compounds and cleanup materials, in pounds per day.

- 1.c** Emission Limitation-  
4.3 tons per year organic compound emissions per year

Applicable Compliance Method-

To calculate emissions for purposes of determining compliance, the permittee shall sum the daily organic compound emissions from the seven compression mold presses and cleanup materials, as specified in Section A.III.1.e., and then divide by 2000 pounds per ton.

- 2.** Formulation data or Method 24 (40 CFR Part 60, Appendix A) shall be used to determine the organic compound contents of the mold compounds and cleanup materials employed in the emissions unit.

## 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>
Seven compression mold presses for plastic parts	None.	None.

**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:** SB001 (R001)  
**Activity Description:** Chop Booth and Mat Molding

**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>
Spray booth for lay-up of polyester resin mixes to make fiberglass reinforced plastic parts	OAC 3745-21-07(G)(2)	Emissions of organic compounds shall not exceed 8 pounds per hour and 40 pounds per day from this emissions unit.
	OAC 3745-17-07(A)(1)	Visible particulate emissions shall not exceed twenty percent opacity as a six-minute average, except as provided by the rule.
	OAC 3745-17-11(B)(1)	Emissions of particulate matter shall not exceed 0.551 pound per hour from this emissions unit.
	OAC 3745-31-05 PTI 02-1988	None.

**2. Additional Terms and Conditions**

- 2.a The emissions of organic compounds from the lay-up operations consist of styrene only.

**II. Operational Restrictions**

1. The permittee shall operate the dry filtration system whenever 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 lay-up operations in this emissions unit:
  - a. the company identification for each lay-up material (i.e., resin mix) and photochemically reactive cleanup material employed;
  - b. an identification of whether vapor suppressed or non-vapor suppressed polyester resin mix was employed;
  - c. an identification of the type of mechanical resin application (i.e., uncontrolled atomized spray or non-atomized application) employed;
  - d. the number of pounds of each lay-up material and photochemically reactive cleanup material employed;
  - e. the styrene content of each lay-up material, in percent by weight;
  - f. the actual number of hours the emissions unit was in operation;
  - g. the total organic compound emission rate for all lay-up materials and photochemically reactive cleanup materials, in pounds per day; and
  - h. the average hourly organic compound emission rate for all lay-up materials and photochemically reactive cleanup materials, i.e., (g)/(f), in pounds per hour.
2. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service when the emissions unit was in operation.

### IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports to the Ohio EPA, Northeast District Office which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the lay-up materials and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and
  - b. an identification of each day during which the organic compound emissions from the lay-up materials and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.
2. The permittee shall notify the Ohio EPA, Northeast District Office in writing of any daily record showing that the dry filtration system was 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 Ohio EPA, Northeast District Office within 30 days after the event occurs.

### V. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.I.1. of these terms and conditions shall be determined in accordance with the following method(s):
  - 1.a Emission Limitation-  
8 pounds of organic compound emissions per hour  
  
Applicable Compliance Method-  
Compliance shall be determined based upon the record keeping specified in Section A.III. of these terms and conditions.

## V. Testing Requirements (continued)

- 1.b** Emission Limitation-  
40 pounds of organic compound emissions per day

Applicable Compliance Method-

Compliance shall be determined based upon the record keeping specified in Section A.III. of these terms and conditions and by employing the following formula(s):

- i. To calculate emissions from lay-up operations for purposes of determining compliance, the permittee shall employ the following formula(s):

$$E_i = W_i \times E_{Fi}$$

Where:

i = subscript denoting a specific lay-up material employed.

$E_i$  = the organic compound emissions from lay-up material i, in pounds per day.

$W_i$  = the weight of the lay-up material employed, in pounds per day.

$E_{Fi}$  = the emission factor for styrene emissions for lay-up material i, based on the styrene content, as noted in Table 2.16 of CFA Emission Models for the Reinforced Plastics Industries, Feb. 1998 or any later revisions. If an emission factor is not available in Table 2.16 for the styrene content of the lay-up material (e.g., non-atomized application of lay-up material(s) with less than 42% styrene content by weight), the permittee may propose an emission factor subject to Ohio EPA approval or use the most representative emission factor in Table 2.16 as long as it is for a higher styrene content lay-up material.

- ii. To identify emissions from photochemically reactive cleanup materials for purposes of determining compliance, the permittee shall use the record keeping specified in Section A.III.

iii. The total organic compound emission rate shall be calculated by summing the daily organic compound emissions from all lay-up materials and photochemically reactive cleanup materials, in pounds per day.

- 1.c** Emission Limitation-  
0.551 pound of particulate matter emissions per hour

Applicable Compliance Method-

To determine the actual worst case emission rate for particulate matter, the following equation shall be used:

$$E = \text{maximum resin solids usage rate (in lb/hr)} \times (1-TE) \times (1-CE)$$

Where,

E = particulate matter emissions rate (lb/hr);

TE = transfer efficiency, which is the ratio of the amount of resin solids deposited on the coated part to the amount of resin solids used; and

CE = control efficiency of the control equipment.

- 1.d** Emission Limitation-  
20% opacity as a six-minute average, except as provided by rule

Applicable Compliance Method-

U.S. EPA reference method 9, if required by the Ohio EPA.

- 2.** Formulation data or Method 24 (40 CFR Part 60, Appendix A) shall be used to determine the organic compound contents of the lay-up materials and photochemically reactive cleanup materials employed in the emissions unit.

Facility Name: **Hadlock Plastics Inc.**

Facility ID: **02-04-03-0272**

Emissions Unit: **SB001 (R001)**

## **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>
Spray booth for lay-up of polyester resin mixes to make fiberglass reinforced plastic parts	None.	None.

**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:** SB002 (R002)  
**Activity Description:** Tooling Gelcoating 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>
Spray booth for spray lay-up of polyester resin mixes and gelcoat mixes with uncontrolled atomized spray to make fiberglass reinforced plastic parts	OAC 3745-21-07(G)(2)	Emissions of organic compounds shall not exceed 8 pounds per hour and 40 pounds per day from this emissions unit.
	OAC 3745-17-07(A)(1)	Visible particulate emissions shall not exceed twenty percent opacity as a six-minute average, except as provided by the rule.
	OAC 3745-17-11(B)(1)	Emissions of particulate matter shall not exceed 0.551 pound per hour from this emissions unit.
	OAC 3745-31-05 PTI 02-1988	None.

**2. Additional Terms and Conditions**

- 2.a** The emissions of organic compounds from the gelcoat spray-up operations consist of styrene only.

**II. Operational Restrictions**

1. The permittee shall operate the dry filtration system whenever 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 gelcoat spray-up operations in this emissions unit:
  - a. the company identification for each lay-up material (i.e., gelcoat) and photochemically reactive cleanup material employed;
  - b. an identification of whether vapor suppressed or non-vapor suppressed polyester resin mix was employed;
  - c. the number of pounds of each lay-up material and photochemically reactive cleanup material employed;
  - d. the styrene content of each lay-up material, in percent by weight;
  - e. the actual number of hours the emissions unit was in operation;
  - f. the total organic compound emission rate for all lay-up materials and photochemically reactive cleanup materials, in pounds per day; and
  - g. the average hourly organic compound emission rate for all lay-up materials and photochemically reactive cleanup materials, i.e., (f)/(e), in pounds per hour.
2. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service when the emissions unit was in operation.

### IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports to the Ohio EPA, Northeast District Office which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the lay-up materials and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and
  - b. an identification of each day during which the organic compound emissions from the lay-up materials and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.
2. The permittee shall notify the Ohio EPA, Northeast District Office in writing of any daily record showing that the dry filtration system was 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 Ohio EPA, Northeast District Office within 30 days after the event occurs.

### V. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.I.1. of these terms and conditions shall be determined in accordance with the following method(s):
  - 1.a Emission Limitation-  
8 pounds of organic compound emissions per hour  
  
Applicable Compliance Method-  
Compliance shall be determined based upon the record keeping specified in Section A.III. of these terms and conditions.

## V. Testing Requirements (continued)

- 1.b** Emission Limitation-  
40 pounds of organic compound emissions per day

Applicable Compliance Method-

Compliance shall be determined based upon the record keeping specified in Section A.III. of these terms and conditions and by employing the following formula(s):

- i. To calculate emissions from lay-up operations for purposes of determining compliance, the permittee shall employ the following formula(s):

$$E_i = W_i \times E_{Fi}$$

Where:

$i$  = subscript denoting a specific lay-up material employed.

$E_i$  = the organic compound emissions from lay-up material  $i$ , in pounds per day.

$W_i$  = the weight of the lay-up material employed, in pounds per day.

$E_{Fi}$  = the emission factor for styrene emissions for lay-up material  $i$ , based on the styrene content, as noted in Table 2.16 of CFA Emission Models for the Reinforced Plastics Industries, Feb. 1998.

- ii. To identify emissions from photochemically reactive cleanup materials for purposes of determining compliance, the permittee shall use the record keeping specified in Section A.III.

- iii. The total organic compound emission rate shall be calculated by summing the daily organic compound emissions from all lay-up materials and photochemically reactive cleanup materials, in pounds per day.

- 1.c** Emission Limitation-  
0.551 pound of particulate matter emissions per hour

Applicable Compliance Method-

To determine the actual worst case emission rate for particulate matter, the following equation shall be used:

$$E = \text{maximum resin and/or gelcoat solids usage rate (in lb/hr)} \times (1-TE) \times (1-CE)$$

Where,

$E$  = particulate matter emissions rate (lb/hr);

$TE$  = transfer efficiency, which is the ratio of the amount of resin and/or gelcoat solids deposited on the coated part to the amount of resin and/or gelcoat solids used; and

$CE$  = control efficiency of the control equipment.

- 1.d** Emission Limitation-  
20% opacity as a six-minute average, except as provided by rule

Applicable Compliance Method-

U.S. EPA reference method 9, if required by the Ohio EPA.

- 2.** Formulation data or Method 24 (40 CFR Part 60, Appendix A) shall be used to determine the organic compound contents of the lay-up materials and photochemically reactive cleanup materials employed in the emissions unit.

## 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>
Spray booth for spray lay-up of polyester resin mixes and gelcoat mixes with uncontrolled atomized spray to make fiberglass reinforced plastic parts	None.	None.

**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:** SB003 (R003)  
**Activity Description:** Finishing Paintbooth Clean Room

#### 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>
Spray booth for painting nonmetal parts	OAC 3745-21-07(G)(2)	Emissions of organic compounds shall not exceed 8 pounds per hour and 40 pounds per day from this emissions unit. See 2.a. below.
	OAC 3745-17-07(A)(1)	Visible particulate emissions shall not exceed twenty percent opacity as a six-minute average, except as provided by the rule.
	OAC 3745-17-11(B)(1)	Emissions of particulate matter shall not exceed 0.551 pound per hour from this emissions unit.
	OAC 3745-31-05 PTI 02-1988	None.

##### 2. Additional Terms and Conditions

- 2.a This emissions unit becomes subject to OAC 3745-21-07(G)(2) on any day when any photochemically reactive material is employed (coating or cleanup).

##### II. Operational Restrictions

1. The permittee shall operate the dry filtration system whenever 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 and photochemically reactive cleanup material employed;
  - b. the number of gallons of each coating and photochemically reactive cleanup material employed;
  - c. the OC content of each coating and photochemically reactive cleanup material, in pounds OC per gallon;
  - d. for each day during which a photochemically reactive material (coating or cleanup material) is employed, the total emission rate for all coatings and photochemically reactive cleanup materials, in pounds OC per day;

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

e. for each day during which a photochemically reactive material (coating or cleanup material) is employed, the total number of hours the emissions unit was in operation; and

f. for each day during which a photochemically reactive material (coating or cleanup material) is employed, the average hourly OC emission rate for all coatings and photochemically reactive cleanup materials, i.e., (d)/(e), in pounds per hour.

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

2. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service when the emissions unit was in operation.

### IV. Reporting Requirements

1. The permittee shall submit quarterly (excursion) reports to the Ohio EPA, Northeast District Office which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the coatings and photochemically reactive cleanup materials 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 and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.
2. The permittee shall notify the Ohio EPA, Northeast District Office in writing of any daily record showing that the dry filtration system was 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 Ohio EPA, Northeast District Office within 30 days after the event occurs.

### V. Testing Requirements

1. Compliance with the allowable emission limitations in Section A.1. of these terms and conditions shall be determined in accordance with the following methods:
  - 1.a Emission Limitation-  
8 pounds of organic compound emissions per hour  
  
Applicable Compliance Method-  
Compliance shall be based upon the record keeping specified in Section A.III.
  - 1.b Emission Limitation-  
40 pounds of organic compound emissions per day  
  
Applicable Compliance Method-  
Compliance shall be based upon the record keeping specified in Section A.III.

## V. Testing Requirements (continued)

- 1.c** Emission Limitation-  
0.551 pound of particulate matter emissions per hour

Applicable Compliance Method-

To determine the actual worst case emission rate for particulate matter, the following equation shall be used:

$$E = \text{maximum coating solids usage rate (in lb/hr)} \times (1-TE) \times (1-CE)$$

Where,

E = particulate matter emissions rate (lb/hr);

TE = transfer efficiency, which is the ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used; and

CE = control efficiency of the control equipment.

- 1.d** Emission Limitation-  
20% opacity as a six-minute average, except as provided by rule

Applicable Compliance Method-

U.S. EPA reference method 9, if required by the Ohio EPA.

- 2.** Formulation data or USEPA Method 24 shall be used to determine the organic compound contents of the coatings and cleanup materials employed in the emissions unit.

## 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>
Spray booth for painting nonmetal parts	None.	None.

**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:** SB004 (R004)  
**Activity Description:** Finishing Prime West 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>
Spray booth for painting nonmetal parts	OAC 3745-21-07(G)(2)	Emissions of organic compounds shall not exceed 8 pounds per hour and 40 pounds per day from this emissions unit. See 2.a. below.
	OAC 3745-17-07(A)(1)	Visible particulate emissions shall not exceed twenty percent opacity as a six-minute average, except as provided by the rule.
	OAC 3745-17-11(B)(1)	Emissions of particulate matter shall not exceed 0.551 pound per hour from this emissions unit.
	OAC 3745-31-05 PTI 02-1988	None.

##### 2. Additional Terms and Conditions

- 2.a This emissions unit becomes subject to OAC 3745-21-07(G)(2) on any day when any photochemically reactive material is employed (coating or cleanup).

##### II. Operational Restrictions

1. The permittee shall operate the dry filtration system whenever 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 and photochemically reactive cleanup material employed;
  - b. the number of gallons of each coating and photochemically reactive cleanup material employed;
  - c. the OC content of each coating and photochemically reactive cleanup material, in pounds OC per gallon;
  - d. for each day during which a photochemically reactive material (coating or cleanup material) is employed, the total emission rate for all coatings and photochemically reactive cleanup materials, in pounds OC per day;

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

e. for each day during which a photochemically reactive material (coating or cleanup material) is employed, the total number of hours the emissions unit was in operation; and

f. for each day during which a photochemically reactive material (coating or cleanup material) is employed, the average hourly OC emission rate for all coatings and photochemically reactive cleanup materials, i.e., (d)/(e), in pounds per hour.

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

2. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service when the emissions unit was in operation.

### IV. Reporting Requirements

1. The permittee shall submit quarterly (excursion) reports to the Ohio EPA, Northeast District Office which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the coatings and photochemically reactive cleanup materials 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 and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.
2. The permittee shall notify the Ohio EPA, Northeast District Office in writing of any daily record showing that the dry filtration system was 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 Ohio EPA, Northeast District Office within 30 days after the event occurs.

### V. Testing Requirements

1. Compliance with the allowable emission limitations in Section A.1. of these terms and conditions shall be determined in accordance with the following methods:
  - 1.a Emission Limitation-  
8 pounds of organic compound emissions per hour  
  
Applicable Compliance Method-  
Compliance shall be based upon the record keeping specified in Section A.III.
  - 1.b Emission Limitation-  
40 pounds of organic compound emissions per day  
  
Applicable Compliance Method-  
Compliance shall be based upon the record keeping specified in Section A.III.

## V. Testing Requirements (continued)

- 1.c** Emission Limitation-  
0.551 pound of particulate matter emissions per hour

Applicable Compliance Method-

To determine the actual worst case emission rate for particulate matter, the following equation shall be used:

$$E = \text{maximum coating solids usage rate (in lb/hr)} \times (1-TE) \times (1-CE)$$

Where,

E = particulate matter emissions rate (lb/hr);

TE = transfer efficiency, which is the ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used; and

CE = control efficiency of the control equipment.

- 1.d** Emission Limitation-  
20% opacity as a six-minute average, except as provided by rule

Applicable Compliance Method-

U.S. EPA reference method 9, if required by the Ohio EPA.

- 2.** Formulation data or USEPA Method 24 shall be used to determine the organic compound contents of the coatings and cleanup materials employed in the emissions unit.

## 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>
Spray booth for painting nonmetal parts	None.	None.

**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:** SB005 (R005)  
**Activity Description:** Finishing Prime East 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>
Spray booth for painting nonmetal parts	OAC 3745-21-07(G)(2)	Emissions of organic compounds shall not exceed 8 pounds per hour and 40 pounds per day from this emissions unit. See 2.a. below.
	OAC 3745-17-07(A)(1)	Visible particulate emissions shall not exceed twenty percent opacity as a six-minute average, except as provided by the rule.
	OAC 3745-17-11(B)(1)	Emissions of particulate matter shall not exceed 0.551 pound per hour from this emissions unit.
	OAC 3745-31-05 PTI 02-1988	None.

##### 2. Additional Terms and Conditions

- 2.a This emissions unit becomes subject to OAC 3745-21-07(G)(2) on any day when any photochemically reactive material is employed (coating or cleanup).

##### II. Operational Restrictions

1. The permittee shall operate the dry filtration system whenever 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 and photochemically reactive cleanup material employed;
  - b. the number of gallons of each coating and photochemically reactive cleanup material employed;
  - c. the OC content of each coating and photochemically reactive cleanup material, in pounds OC per gallon;
  - d. for each day during which a photochemically reactive material (coating or cleanup material) is employed, the total emission rate for all coatings and photochemically reactive cleanup materials, in pounds OC per day;

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

e. for each day during which a photochemically reactive material (coating or cleanup material) is employed, the total number of hours the emissions unit was in operation; and

f. for each day during which a photochemically reactive material (coating or cleanup material) is employed, the average hourly OC emission rate for all coatings and photochemically reactive cleanup materials, i.e., (d)/(e), in pounds per hour.

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

2. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service when the emissions unit was in operation.

### IV. Reporting Requirements

1. The permittee shall submit quarterly (excursion) reports to the Ohio EPA, Northeast District Office which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the coatings and photochemically reactive cleanup materials 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 and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.
2. The permittee shall notify the Ohio EPA, Northeast District Office in writing of any daily record showing that the dry filtration system was 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 Ohio EPA, Northeast District Office within 30 days after the event occurs.

### V. Testing Requirements

1. Compliance with the allowable emission limitations in Section A.1. of these terms and conditions shall be determined in accordance with the following methods:
  - 1.a Emission Limitation-  
8 pounds of organic compound emissions per hour  
  
Applicable Compliance Method-  
Compliance shall be based upon the record keeping specified in Section A.III.
  - 1.b Emission Limitation-  
40 pounds of organic compound emissions per day  
  
Applicable Compliance Method-  
Compliance shall be based upon the record keeping specified in Section A.III.

## V. Testing Requirements (continued)

- 1.c** Emission Limitation-  
0.551 pound of particulate matter emissions per hour

Applicable Compliance Method-

To determine the actual worst case emission rate for particulate matter, the following equation shall be used:

$$E = \text{maximum coating solids usage rate (in lb/hr)} \times (1-TE) \times (1-CE)$$

Where,

E = particulate matter emissions rate (lb/hr);

TE = transfer efficiency, which is the ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used; and

CE = control efficiency of the control equipment.

- 1.d** Emission Limitation-  
20% opacity as a six-minute average, except as provided by rule

Applicable Compliance Method-

U.S. EPA reference method 9, if required by the Ohio EPA.

- 2.** Formulation data or USEPA Method 24 shall be used to determine the organic compound contents of the coatings and cleanup materials employed in the emissions unit.

## 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>
Spray booth for painting nonmetal parts	None.	None.

**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:** SB006 (R006)  
**Activity Description:** Finishing Paint Booth South

#### 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>
Spray booth for painting nonmetal parts	OAC 3745-21-07(G)(2)	Emissions of organic compounds shall not exceed 8 pounds per hour and 40 pounds per day from this emissions unit. See 2.a. below.
	OAC 3745-17-07(A)(1)	Visible particule emissions shall not exceed twenty percent opacity as a six-minute average, except as provided by the rule.
	OAC 3745-17-11(B)(1)	Emissions of particulate matter shall not exceed 0.551 pound per hour from this emissions unit.
	OAC 3745-31-05 PTI 02-1988	None.

##### 2. Additional Terms and Conditions

- 2.a This emissions unit becomes subject to OAC 3745-21-07(G)(2) on any day when any photochemically reactive material is employed (coating or cleanup).

##### II. Operational Restrictions

1. The permittee shall operate the dry filtration system whenever 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 and photochemically reactive cleanup material employed;
  - b. the number of gallons of each coating and photochemically reactive cleanup material employed;
  - c. the OC content of each coating and photochemically reactive cleanup material, in pounds OC per gallon;
  - d. for each day during which a photochemically reactive material (coating or cleanup material) is employed, the total emission rate for all coatings and photochemically reactive cleanup materials, in pounds OC per day;

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

e. for each day during which a photochemically reactive material (coating or cleanup material) is employed, the total number of hours the emissions unit was in operation; and

f. for each day during which a photochemically reactive material (coating or cleanup material) is employed, the average hourly OC emission rate for all coatings and photochemically reactive cleanup materials, i.e., (d)/(e), in pounds per hour.

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

2. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service when the emissions unit was in operation.

### IV. Reporting Requirements

1. The permittee shall submit quarterly (excursion) reports to the Ohio EPA, Northeast District Office which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the coatings and photochemically reactive cleanup materials 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 and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.
2. The permittee shall notify the Ohio EPA, Northeast District Office in writing of any daily record showing that the dry filtration system was 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 Ohio EPA, Northeast District Office within 30 days after the event occurs.

### V. Testing Requirements

1. Compliance with the allowable emission limitations in Section A.1. of these terms and conditions shall be determined in accordance with the following methods:
  - 1.a Emission Limitation-  
8 pounds of organic compound emissions per hour  
  
Applicable Compliance Method-  
Compliance shall be based upon the record keeping specified in Section A.III.
  - 1.b Emission Limitation-  
40 pounds of organic compound emissions per day  
  
Applicable Compliance Method-  
Compliance shall be based upon the record keeping specified in Section A.III.

## V. Testing Requirements (continued)

- 1.c** Emission Limitation-  
0.551 pound of particulate matter emissions per hour

Applicable Compliance Method-

To determine the actual worst case emission rate for particulate matter, the following equation shall be used:

$$E = \text{maximum coating solids usage rate (in lb/hr)} \times (1-TE) \times (1-CE)$$

Where,

E = particulate matter emissions rate (lb/hr);

TE = transfer efficiency, which is the ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used; and

CE = control efficiency of the control equipment.

- 1.d** Emission Limitation-  
20% opacity as a six-minute average, except as provided by rule

Applicable Compliance Method-

U.S. EPA reference method 9, if required by the Ohio EPA.

- 2.** Formulation data or USEPA Method 24 shall be used to determine the organic compound contents of the coatings and cleanup materials employed in the emissions unit.

## 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>
Spray booth for painting nonmetal parts	None.	None.

**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:** SB007 (R007)  
**Activity Description:** Finishing Paint Booth North

#### 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>
Spray booth for painting nonmetal parts	OAC 3745-21-07(G)(2)	Emissions of organic compounds shall not exceed 8 pounds per hour and 40 pounds per day from this emissions unit. See 2.a. below.
	OAC 3745-17-07(A)(1)	Visible particulate emissions shall not exceed twenty percent opacity as a six-minute average, except as provided by the rule.
	OAC 3745-17-11(B)(1)	Emissions of particulate matter shall not exceed 0.551 pound per hour from this emissions unit.
	OAC 3745-31-05 PTI 02-1988	None.

##### 2. Additional Terms and Conditions

- 2.a This emissions unit becomes subject to OAC 3745-21-07(G)(2) on any day when any photochemically reactive material is employed (coating or cleanup).

##### II. Operational Restrictions

1. The permittee shall operate the dry filtration system whenever 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 and photochemically reactive cleanup material employed;
  - b. the number of gallons of each coating and photochemically reactive cleanup material employed;
  - c. the OC content of each coating and photochemically reactive cleanup material, in pounds OC per gallon;
  - d. for each day during which a photochemically reactive material (coating or cleanup material) is employed, the total emission rate for all coatings and photochemically reactive cleanup materials, in pounds OC per day;

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

e. for each day during which a photochemically reactive material (coating or cleanup material) is employed, the total number of hours the emissions unit was in operation; and

f. for each day during which a photochemically reactive material (coating or cleanup material) is employed, the average hourly OC emission rate for all coatings and photochemically reactive cleanup materials, i.e., (d)/(e), in pounds per hour.

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

2. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service when the emissions unit was in operation.

### IV. Reporting Requirements

1. The permittee shall submit quarterly (excursion) reports to the Ohio EPA, Northeast District Office which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the coatings and photochemically reactive cleanup materials 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 and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.
2. The permittee shall notify the Ohio EPA, Northeast District Office in writing of any daily record showing that the dry filtration system was 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 Ohio EPA, Northeast District Office within 30 days after the event occurs.

### V. Testing Requirements

1. Compliance with the allowable emission limitations in Section A.1. of these terms and conditions shall be determined in accordance with the following methods:
  - 1.a Emission Limitation-  
8 pounds of organic compound emissions per hour  
  
Applicable Compliance Method-  
Compliance shall be based upon the record keeping specified in Section A.III.
  - 1.b Emission Limitation-  
40 pounds of organic compound emissions per day  
  
Applicable Compliance Method-  
Compliance shall be based upon the record keeping specified in Section A.III.

## V. Testing Requirements (continued)

- 1.c** Emission Limitation-  
0.551 pound of particulate matter emissions per hour

Applicable Compliance Method-

To determine the actual worst case emission rate for particulate matter, the following equation shall be used:

$$E = \text{maximum coating solids usage rate (in lb/hr)} \times (1-TE) \times (1-CE)$$

Where,

E = particulate matter emissions rate (lb/hr);

TE = transfer efficiency, which is the ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used; and

CE = control efficiency of the control equipment.

- 1.d** Emission Limitation-  
20% opacity as a six-minute average, except as provided by rule

Applicable Compliance Method-

U.S. EPA reference method 9, if required by the Ohio EPA.

- 2.** Formulation data or USEPA Method 24 shall be used to determine the organic compound contents of the coatings and cleanup materials employed in the emissions unit.

## 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>
Spray booth for painting nonmetal parts	None.	None.

**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:** SB008 (R008)  
**Activity Description:** Chop and Spray Molding 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>
Spray booth for lay-up of polyester resin mixes to make fiberglass reinforced plastic parts	OAC 3745-21-07(G)(2)	Emissions of organic compounds shall not exceed 8 pounds per hour and 40 pounds per day from this emissions unit.
	OAC 3745-17-07(A)(1)	Visible particulate emissions shall not exceed twenty percent opacity as a six-minute average, except as provided by the rule.
	OAC 3745-17-11(B)(1)	Emissions of particulate matter shall not exceed 0.551 pound per hour from this emissions unit.
	OAC 3745-31-05 PTI 02-1988	None.

##### 2. Additional Terms and Conditions

- 2.a The emissions of organic compounds from the lay-up operations consist of styrene only.

##### II. Operational Restrictions

1. The permittee shall operate the dry filtration system whenever 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 lay-up operations in this emissions unit:
  - a. the company identification for each lay-up material (i.e., resin mix) and photochemically reactive cleanup material employed;
  - b. an identification of whether vapor suppressed or non-vapor suppressed polyester resin mix was employed;
  - c. an identification of the type of mechanical resin application (i.e., uncontrolled atomized spray or non-atomized application) employed;
  - d. the number of pounds of each lay-up material and photochemically reactive cleanup material employed;
  - e. the styrene content of each lay-up material, in percent by weight;
  - f. the actual number of hours the emissions unit was in operation;
  - g. the total organic compound emission rate for all lay-up materials and photochemically reactive cleanup materials, in pounds per day; and
  - h. the average hourly organic compound emission rate for all lay-up materials and photochemically reactive cleanup materials, i.e., (g)/(f), in pounds per hour.
2. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service when the emissions unit was in operation.

### IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports to the Ohio EPA, Northeast District Office which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the lay-up materials and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and
  - b. an identification of each day during which the organic compound emissions from the lay-up materials and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.
2. The permittee shall notify the Ohio EPA, Northeast District Office in writing of any daily record showing that the dry filtration system was 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 Ohio EPA, Northeast District Office within 30 days after the event occurs.

### V. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.I.1. of these terms and conditions shall be determined in accordance with the following method(s):
  - 1.a Emission Limitation-  
8 pounds of organic compound emissions per hour  
  
Applicable Compliance Method-  
Compliance shall be determined based upon the record keeping specified in Section A.III. of these terms and conditions.

## V. Testing Requirements (continued)

- 1.b** Emission Limitation-  
40 pounds of organic compound emissions per day

Applicable Compliance Method-

Compliance shall be determined based upon the record keeping specified in Section A.III. of these terms and conditions and by employing the following formula(s):

- i. To calculate emissions from lay-up operations for purposes of determining compliance, the permittee shall employ the following formula(s):

$$E_i = W_i \times E_{Fi}$$

Where:

i = subscript denoting a specific lay-up material employed.

$E_i$  = the organic compound emissions from lay-up material i, in pounds per day.

$W_i$  = the weight of the lay-up material employed, in pounds per day.

$E_{Fi}$  = the emission factor for styrene emissions for lay-up material i, based on the styrene content, as noted in Table 2.16 of CFA Emission Models for the Reinforced Plastics Industries, Feb. 1998 or any later revisions. If an emission factor is not available in Table 2.16 for the styrene content of the lay-up material (e.g., non-atomized application of lay-up material(s) with less than 42% styrene content by weight), the permittee may propose an emission factor subject to Ohio EPA approval or use the most representative emission factor in Table 2.16 as long as it is for a higher styrene content lay-up material.

- ii. To identify emissions from photochemically reactive cleanup materials for purposes of determining compliance, the permittee shall use the record keeping specified in Section A.III.

iii. The total organic compound emission rate shall be calculated by summing the daily organic compound emissions from all lay-up materials and photochemically reactive cleanup materials, in pounds per day.

- 1.c** Emission Limitation-  
0.551 pound of particulate matter emissions per hour

Applicable Compliance Method-

To determine the actual worst case emission rate for particulate matter, the following equation shall be used:

$$E = \text{maximum resin solids usage rate (in lb/hr)} \times (1-TE) \times (1-CE)$$

Where,

E = particulate matter emissions rate (lb/hr);

TE = transfer efficiency, which is the ratio of the amount of resin solids deposited on the coated part to the amount of resin solids used; and

CE = control efficiency of the control equipment.

- 1.d** Emission Limitation-  
20% opacity as a six-minute average, except as provided by rule

Applicable Compliance Method-

U.S. EPA reference method 9, if required by the Ohio EPA.

- 2.** Formulation data or Method 24 (40 CFR Part 60, Appendix A) shall be used to determine the organic compound contents of the lay-up materials and photochemically reactive cleanup materials employed in the emissions unit.

Facility Name: **Hadlock Plastics Inc.**  
Facility ID: **02-04-03-0272**  
Emissions Unit: **SB008 (R008)**

## **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>
Spray booth for lay-up of polyester resin mixes to make fiberglass reinforced plastic parts	None.	None.

**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:** SB009 (R009)  
**Activity Description:** Mat Molding Gelcoat Spray 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>
Spray booth for spray lay-up of polyester resin mixes and gelcoat mixes with uncontrolled atomized spray to make fiberglass reinforced plastic parts	OAC 3745-21-07(G)(2)	Emissions of organic compounds shall not exceed 8 pounds per hour and 40 pounds per day from this emissions unit.
	OAC 3745-17-07(A)(1)	Visible particulate emissions shall not exceed twenty percent opacity as a six-minute average, except as provided by the rule.
	OAC 3745-17-11(B)(1)	Emissions of particulate matter shall not exceed 0.551 pound per hour from this emissions unit.
	OAC 3745-31-05 PTI 02-1988	None.

**2. Additional Terms and Conditions**

- 2.a** The emissions of organic compounds from the gelcoat spray-up operations consist of styrene only.

**II. Operational Restrictions**

1. The permittee shall operate the dry filtration system whenever 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 gelcoat spray-up operations in this emissions unit:
  - a. the company identification for each lay-up material (i.e., gelcoat) and photochemically reactive cleanup material employed;
  - b. an identification of whether vapor suppressed or non-vapor suppressed polyester resin mix was employed;
  - c. the number of pounds of each lay-up material and photochemically reactive cleanup material employed;
  - d. the styrene content of each lay-up material, in percent by weight;
  - e. the actual number of hours the emissions unit was in operation;
  - f. the total organic compound emission rate for all lay-up materials and photochemically reactive cleanup materials, in pounds per day; and
  - g. the average hourly organic compound emission rate for all lay-up materials and photochemically reactive cleanup materials, i.e., (f)/(e), in pounds per hour.
2. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service when the emissions unit was in operation.

### IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports to the Ohio EPA, Northeast District Office which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the lay-up materials and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and
  - b. an identification of each day during which the organic compound emissions from the lay-up materials and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.
2. The permittee shall notify the Ohio EPA, Northeast District Office in writing of any daily record showing that the dry filtration system was 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 Ohio EPA, Northeast District Office within 30 days after the event occurs.

### V. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.I.1. of these terms and conditions shall be determined in accordance with the following method(s):
  - 1.a Emission Limitation-  
8 pounds of organic compound emissions per hour  
  
Applicable Compliance Method-  
Compliance shall be determined based upon the record keeping specified in Section A.III. of these terms and conditions.

## V. Testing Requirements (continued)

- 1.b** Emission Limitation-  
40 pounds of organic compound emissions per day

Applicable Compliance Method-

Compliance shall be determined based upon the record keeping specified in Section A.III. of these terms and conditions and by employing the following formula(s):

- i. To calculate emissions from lay-up operations for purposes of determining compliance, the permittee shall employ the following formula(s):

$$E_i = W_i \times E_{Fi}$$

Where:

$i$  = subscript denoting a specific lay-up material employed.

$E_i$  = the organic compound emissions from lay-up material  $i$ , in pounds per day.

$W_i$  = the weight of the lay-up material employed, in pounds per day.

$E_{Fi}$  = the emission factor for styrene emissions for lay-up material  $i$ , based on the styrene content, as noted in Table 2.16 of CFA Emission Models for the Reinforced Plastics Industries, Feb. 1998.

- ii. To identify emissions from photochemically reactive cleanup materials for purposes of determining compliance, the permittee shall use the record keeping specified in Section A.III.

iii. The total organic compound emission rate shall be calculated by summing the daily organic compound emissions from all lay-up materials and photochemically reactive cleanup materials, in pounds per day.

- 1.c** Emission Limitation-  
0.551 pound of particulate matter emissions per hour

Applicable Compliance Method-

To determine the actual worst case emission rate for particulate matter, the following equation shall be used:

$$E = \text{maximum resin and/or gelcoat solids usage rate (in lb/hr)} \times (1-TE) \times (1-CE)$$

Where,

$E$  = particulate matter emissions rate (lb/hr);

$TE$  = transfer efficiency, which is the ratio of the amount of resin and/or gelcoat solids deposited on the coated part to the amount of resin and/or gelcoat solids used; and

$CE$  = control efficiency of the control equipment.

- 1.d** Emission Limitation-  
20% opacity as a six-minute average, except as provided by rule

Applicable Compliance Method-

U.S. EPA reference method 9, if required by the Ohio EPA.

- 2.** Formulation data or Method 24 (40 CFR Part 60, Appendix A) shall be used to determine the organic compound contents of the lay-up materials and photochemically reactive cleanup materials employed in the emissions unit.

## 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>
Spray booth for spray lay-up of polyester resin mixes and gelcoat mixes with uncontrolled atomized spray to make fiberglass reinforced plastic parts	None.	None.

**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:** SB010 (R010)  
**Activity Description:** Gelcoating 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>
Spray booth for spray lay-up of polyester resin mixes and gelcoat mixes with uncontrolled atomized spray to make fiberglass reinforced plastic parts	OAC 3745-21-07(G)(2)	Emissions of organic compounds shall not exceed 8 pounds per hour and 40 pounds per day from this emissions unit.
	OAC 3745-17-07(A)(1)	Visible particulate emissions shall not exceed twenty percent opacity as a six-minute average, except as provided by the rule.
	OAC 3745-17-11(B)(1)	Emissions of particulate matter shall not exceed 0.551 pound per hour from this emissions unit.
	OAC 3745-31-05 PTI 02-1988	None.

##### 2. Additional Terms and Conditions

- 2.a The emissions of organic compounds from the gelcoat spray-up operations consist of styrene only.

##### II. Operational Restrictions

1. The permittee shall operate the dry filtration system whenever 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 gelcoat spray-up operations in this emissions unit:
  - a. the company identification for each lay-up material (i.e., gelcoat) and photochemically reactive cleanup material employed;
  - b. an identification of whether vapor suppressed or non-vapor suppressed polyester resin mix was employed;
  - c. the number of pounds of each lay-up material and photochemically reactive cleanup material employed;
  - d. the styrene content of each lay-up material, in percent by weight;
  - e. the actual number of hours the emissions unit was in operation;
  - f. the total organic compound emission rate for all lay-up materials and photochemically reactive cleanup materials, in pounds per day; and
  - g. the average hourly organic compound emission rate for all lay-up materials and photochemically reactive cleanup materials, i.e., (f)/(e), in pounds per hour.
2. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service when the emissions unit was in operation.

### IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports to the Ohio EPA, Northeast District Office which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the lay-up materials and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and
  - b. an identification of each day during which the organic compound emissions from the lay-up materials and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.
2. The permittee shall notify the Ohio EPA, Northeast District Office in writing of any daily record showing that the dry filtration system was 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 Ohio EPA, Northeast District Office within 30 days after the event occurs.

### V. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.I.1. of these terms and conditions shall be determined in accordance with the following method(s):
  - 1.a Emission Limitation-  
8 pounds of organic compound emissions per hour  
  
Applicable Compliance Method-  
Compliance shall be determined based upon the record keeping specified in Section A.III. of these terms and conditions.

## V. Testing Requirements (continued)

- 1.b** Emission Limitation-  
40 pounds of organic compound emissions per day

Applicable Compliance Method-

Compliance shall be determined based upon the record keeping specified in Section A.III. of these terms and conditions and by employing the following formula(s):

- i. To calculate emissions from lay-up operations for purposes of determining compliance, the permittee shall employ the following formula(s):

$$E_i = W_i \times E_{Fi}$$

Where:

$i$  = subscript denoting a specific lay-up material employed.

$E_i$  = the organic compound emissions from lay-up material  $i$ , in pounds per day.

$W_i$  = the weight of the lay-up material employed, in pounds per day.

$E_{Fi}$  = the emission factor for styrene emissions for lay-up material  $i$ , based on the styrene content, as noted in Table 2.16 of CFA Emission Models for the Reinforced Plastics Industries, Feb. 1998.

- ii. To identify emissions from photochemically reactive cleanup materials for purposes of determining compliance, the permittee shall use the record keeping specified in Section A.III.

iii. The total organic compound emission rate shall be calculated by summing the daily organic compound emissions from all lay-up materials and photochemically reactive cleanup materials, in pounds per day.

- 1.c** Emission Limitation-  
0.551 pound of particulate matter emissions per hour

Applicable Compliance Method-

To determine the actual worst case emission rate for particulate matter, the following equation shall be used:

$$E = \text{maximum resin and/or gelcoat solids usage rate (in lb/hr)} \times (1-TE) \times (1-CE)$$

Where,

$E$  = particulate matter emissions rate (lb/hr);

$TE$  = transfer efficiency, which is the ratio of the amount of resin and/or gelcoat solids deposited on the coated part to the amount of resin and/or gelcoat solids used; and

$CE$  = control efficiency of the control equipment.

- 1.d** Emission Limitation-  
20% opacity as a six-minute average, except as provided by rule

Applicable Compliance Method-

U.S. EPA reference method 9, if required by the Ohio EPA.

- 2.** Formulation data or Method 24 (40 CFR Part 60, Appendix A) shall be used to determine the organic compound contents of the lay-up materials and photochemically reactive cleanup materials employed in the emissions unit.

## 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>
Spray booth for spray lay-up of polyester resin mixes and gelcoat mixes with uncontrolled atomized spray to make fiberglass reinforced plastic parts	None.	None.

**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:** PARTS CLEANING (Z002)  
**Activity Description:** Fugitive Emissions Cold Cleaning of 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>
Solvent wiping of finished plastic parts	OAC 3745-21-07(G)  OAC 3745-31-05 PTI 02-0268	See 2.a. below.  Emissions of organic compounds shall not exceed 80.4 pounds per day and 14.7 tons per year from this emissions unit.

##### 2. Additional Terms and Conditions

- 2.a This emissions unit shall not employ organic liquids which are photochemically reactive materials, as defined in OAC Rule 3745-21-01(C)(5).

##### II. Operational Restrictions

1. The permittee shall employ the following practices to minimize waste and limit air contaminant emissions:
  - a. use of self-closing containers at each work station;
  - b. raw material transfer from large raw material drum(s) to work station container(s) shall be made through a closed tube; and
  - c. alternate cleaning procedures (i.e., vacuuming dust off of the parts or dry wiping of parts with a tack cloth) shall be employed whenever possible.

##### III. Monitoring and/or Record Keeping Requirements

1. The permittee shall keep the following daily records for all materials used in this emissions unit:
  - a. The identification of the chemical compound and its physical state.
  - b. For any liquid organic materials, whether or not the material is a photochemically reactive material as defined in OAC 3745-21-01(C)(5).

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

2. The permittee shall collect and record the following information each day for the cleaning operation:
  - a. the organic compound content of each cleaning material, in pounds per gallon;
  - b. the volume of each cleaning material dispensed at each work station, in gallons;
  - c. the volume of each cleaning material returned from each work station, in gallons;
  - d. the volume of each evaporated cleaning material from each work station, which is estimated by subtracting the volume of returned cleaning material from the volume of assigned cleaning material, in gallons;
  - e. the volume of each evaporated cleaning material from all work stations, in gallons;
  - f. the organic compound emission rate for each cleaning material, in pounds; and
  - g. the total organic compound emission rate for all cleaning materials, in pounds.

### IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which identify each day during which any photochemically reactive materials were employed.
2. The permittee shall submit quarterly (excursion) reports to the Ohio EPA, Northeast District Office which include an identification of each day during which the organic compound emissions from the cleanup materials exceeded 80.4 pounds per day, and the actual organic compound emissions for each such day.
3. The permittee shall submit annual reports which 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 allowable emission limitations in Section A.I.1. of these terms and conditions shall be determined in accordance with the following methods:
  - 1.a Emission Limitation-  
80.4 pounds of organic compound emissions per day  
  
Applicable Compliance Method-  
Compliance shall be determined based upon the record keeping specified in Section B.III. of these terms and conditions.
  - 1.b Emission Limitation-  
14.7 tons of organic compound emissions per year  
  
Applicable Compliance Method-  
To calculate emissions for purposes of determining compliance, the permittee shall sum the daily organic compound emissions from cleaning operations, as specified in Section B.III.1.g., and then divide by 2000 pounds per ton.
2. Formulation data or Method 24 (40 CFR Part 60, Appendix A) shall be used to determine the organic compound contents of the cleaning materials employed in the emissions unit.

### 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>
Solvent wiping of finished plastic parts	None.	None.

**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

Facility Name: **Hadlock Plastics Inc.**  
Facility ID: **02-04-03-0272**

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