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

02/06/02

RE: Proposed Title V Chapter 3745-77 Permit
03-72-03-0210
Poly Foam International Inc. Style Crest Products

Attn: Genevieve Damico AR-18J
United States Environmental Protection Agency
Region V
77 West Jackson Blvd.
Chicago, IL 60604-3590

Dear Ms. Damico:

The proposed issuance of the Title V permit for Poly Foam International Inc. Style Crest Products, has been created in Ohio EPA's State Air Resources System (STARS) on 02/06/02, for review by USEPA. This proposed action is identified in STARS as 3-Title V Proposed Permit T+C covering the facility specific terms and conditions, and Title V Proposed Permit covering the general terms and conditions. This proposed permit will be processed for issuance as a final action after forty-five (45) days from USEPA's receipt of this certified letter if USEPA does not object to the proposed permit. Please contact Mike Ahern, DAPC Permit Management Unit supervisor at (614) 644-3631 by the end of the forty-five (45) day review period if you wish to object to the proposed permit.

Very truly yours,

Thomas G. Rigo

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

cc: Northwest District Office
File, DAPC PMU

State of Ohio Environmental Protection Agency

PROPOSED TITLE V PERMIT

Issue Date: 02/06/02	Effective Date: To be entered upon final issuance	Expiration Date: To be entered upon final issuance

This document constitutes issuance of a Title V permit for Facility ID: 03-72-03-0210 to:
Poly Foam International Inc. Style Crest Products
347 North Dunbridge Road
Bowling Green, OH 43402

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

K001 (Paint dip line)
Conveyor and paint dip tank

R001 (Resin Spray Unit #1)
Fiberglass spray booth

R002 (Resin Spray Unit #2)
Fiberglass spray booth

R003 (Gel Coat Spray Unit #1)
Gel coat spray booth

R004 (Resin Spray Unit #3)
Fiberglass spray booth

R005 (Gel Coat Spray Unit #2)
Gel coat spray booth

You will be contacted approximately eighteen (18) months prior to the expiration date regarding the renewal of this permit. If you are not contacted, please contact the appropriate Ohio EPA District Office or local air agency listed below. This permit and the authorization to operate the air contaminant sources (emissions units) at this facility shall expire at midnight on the expiration date shown above. If a renewal permit is not issued prior to the expiration date, the permittee may continue to operate pursuant to OAC rule 3745-77-08(E) and in accordance with the terms of this permit beyond the expiration date, provided that a complete renewal application is submitted no earlier than eighteen (18) months and no later than one-hundred eighty (180) days prior to the expiration date.

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

Northwest District Office
(419) 352-8461

OHIO ENVIRONMENTAL PROTECTION AGENCY

Christopher Jones
Director

PART I - GENERAL TERMS AND CONDITIONS

A. State and Federally Enforceable Section

1. Monitoring and Related Record Keeping and Reporting Requirements

a. Except as may otherwise be provided in the terms and conditions for a specific emissions unit, the permittee shall maintain records that include the following, where applicable, for any required monitoring under this permit:

i. The date, place (as defined in the permit), and time of sampling or measurements.
ii. The date(s) analyses were performed.
iii. The company or entity that performed the analyses.
iv. The analytical techniques or methods used.
v. The results of such analyses.
vi. The operating conditions existing at the time of sampling or measurement.
(Authority for term: OAC rule 3745-77-07(A)(3)(b)(i))

b. Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. Such records may be maintained in computerized form.
(Authority for term: OAC rule 3745-77-07(A)(3)(b)(ii))

c. 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 record keeping information shall be submitted to the appropriate Ohio EPA District Office or local air agency.
(Authority for term: OAC rule 3745-77-07(A)(3)(c))
ii. Quarterly written reports of (i) any deviations from federally enforceable <u>emission limitations</u>, <u>operational restrictions</u>, <u>and control device operating parameter limitations</u>, excluding deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06, that have been detected by the testing, monitoring and record keeping requirements specified in this permit, (ii) the probable cause of such deviations, and (iii) any corrective actions or preventive measures taken, shall be promptly made to the appropriate Ohio EPA District Office or local air agency. These quarterly written reports shall satisfy the requirements (in part) of OAC rule 3745-77-07(A)(3)(c)(i) and (ii) pertaining to the submission of monitoring reports every six months and the requirements of 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.6 below if no deviations occurred during the quarter.
(Authority for term: OAC rules 3745-77-07(A)(3)(c)(i) and (ii))

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

iv. Each written report shall be signed by a responsible official certifying that, based on information and belief formed after reasonable inquiry, the statements and information in the report are true, accurate, and complete.
(Authority for term: OAC rule 3745-77-07(A)(3)(c)(iv))

2. Scheduled Maintenance/Malfunction Reporting

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. The malfunction, i.e., upset condition, of any emissions unit(s) or any associated air pollution control system(s) shall be reported to the appropriate Ohio EPA District Office or local air agency in accordance with paragraph (B) of OAC rule 3745-15-06. (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 upset conditions.

Except as provided in OAC rule 3745-15-06, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of the emissions unit(s) that is (are) served by such control system(s).
(Authority for term: OAC rule 3745-77-07(A)(3)(c)(iii))

3. Risk Management Plans

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

4. Title IV Provisions

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

5. Severability Clause

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

6. General Requirements

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

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

c. This permit may be modified, reopened, revoked, or revoked and reissued, for cause, in accordance with A.10 below. The filing of a request by the permittee for a permit modification, revocation and reissuance, or revocation, or of a notification of planned changes or anticipated noncompliance does not stay any term and condition of this permit.

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

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

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

7. Fees

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

8. Marketable Permit Programs

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

9. Reasonably Anticipated Operating Scenarios

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

10. Reopening for Cause

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

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

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

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

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

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

11. Federal and State Enforceability

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

12. Compliance Requirements

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

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

i. At reasonable times, enter upon the permittee's premises where a source is located or the emissions-related activity is conducted, or where records must be kept under the conditions of this permit.
ii. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit, subject to the protection from disclosure to the public of confidential information consistent with paragraph (E) of OAC rule 3745-77-03.
iii. Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit.
iv. As authorized by the Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit and applicable requirements.

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

i. Dates for achieving the activities, milestones, or compliance required in any schedule of compliance, and dates when such activities, milestones, or compliance were achieved.
ii. An explanation of why any dates in any schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.

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

i. Compliance certifications shall be submitted annually on a calendar year basis. The annual certification shall be submitted on or before April 30th of each year during the permit term.
ii. Compliance certifications shall include the following:
   (a) An identification of each term or condition of this permit that is the basis of the certification.
   (b) The permittee's current compliance status.
   (c) Whether compliance was continuous or intermittent.
   (d) The method(s) used for determining the compliance status of the source currently and over the required reporting period.
   (e) Such other facts as the Director of the Ohio EPA may require in the permit to determine the compliance status of the source.
iii. Compliance certifications shall contain such additional requirements as may be specified pursuant to sections 114(a)(3) and 504(b) of the Act.

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

13. Permit Shield

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

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

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

14. Operational Flexibility

The permittee is authorized to make the changes identified in OAC rule 3745-77-07(H)(1)(a) to (H)(1)(c) within the permitted stationary source without obtaining a permit revision, if such change is not a modification under any provision of Title I of the Act [as defined in OAC rule 3745-77-01(JJ)], and does not result in an exceedance of the emissions allowed under this permit (whether expressed therein as a rate of emissions or in terms of total emissions), and the permittee provides the Administrator of the U.S. EPA and the appropriate Ohio EPA District Office or local air agency with written notification within a minimum of seven days in advance of the proposed changes, unless the change is associated with, or in response to, emergency conditions. If less than seven days notice is provided because of a need to respond more quickly to such emergency conditions, the permittee shall provide notice to the Administrator of the U.S. EPA and the appropriate District Office of the Ohio EPA or local air agency as soon as possible after learning of the need to make the change. The notification shall contain the items required under OAC rule 3745-77-07(H)(2)(d).

(Authority for term: OAC rules 3745-77-07(H)(1) and (2))

15. Emergencies

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

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

16. Off-Permit Changes

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

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

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

or pollutants emitted, and any federally applicable requirement that would apply as a result of the change;

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

d. The permittee shall keep a record describing all changes made at the source that result in emissions of a regulated air pollutant subject to an applicable requirement, but not otherwise regulated under the permit, and the emissions resulting from those changes; 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 purposes of clarification, the permittee can refer to Engineering Guide #63 that is available in the STARSHIP software package.)
(Authority for term: OAC rule 3745-77-07(I))

17. Compliance Method Requirements

Nothing in this permit shall alter or affect the ability of any person to establish compliance with, or a violation of, any applicable requirement through the use of credible evidence to the extent authorized by law. Nothing in this permit shall be construed to waive any defenses otherwise available to the permittee, including but not limited to, any challenge to the Credible Evidence Rule (see 62 Fed. Reg. 8314, Feb. 24, 1997), in the context of any future proceeding.
(This term is provided for informational purposes only.)

18. Insignificant Activities

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

19. Permit to Install Requirement

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

20. Air Pollution Nuisance

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

B. *State Only Enforceable Section*

1. Reporting Requirements Related to Monitoring and Record Keeping Requirements

The permittee shall submit required reports in the following manner:

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

b. Except as otherwise may be provided in the terms and conditions for a specific emissions unit, quarterly written reports of (a) any deviations (excursions) from emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring, and record keeping requirements specified in this permit, (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.)

2. Records Retention Requirements

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

3. Inspections and Information Requests

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

4. Scheduled Maintenance/Malfunction Reporting

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

control system(s) shall be accompanied by the shutdown of the emissions unit(s) that is (are) served by such control system(s).

5. Permit Transfers

Any transferee of this permit shall assume the responsibilities of the prior permit holder. The appropriate Ohio EPA District Office or local air agency must be notified in writing of any transfer of this permit.

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

If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters.

Part II - Specific Facility Terms and Conditions

A. State and Federally Enforcable Section

None

B. State Only Enforceable Section

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

B001 - 3.75 mmBtu/hour, natural gas-fired space heater PFI# 1;
B002 - 1.25 mmBtu/hour, natural gas-fired space heater PFI# 2;
B003 - 2.19 mmBtu/hour, natural gas-fired space heater PFI# 3;
F001 - PVC resin conveying and storage;
P001 - Wood saws;
P002 - PVC grinder #1;
P003 - PVC grinder #2;
P004 - PVC grinder #3;
P005 - PVC resin conveying and storage;
P006 - Steel welding;
P007 - Rail welding booth;
P008 - PVC extrusion #1;
P009 - PVC extrusion #2;
P010 - PVC extrusion #3;
P011 - PVC extrusion #4;
Z001 - PVC extrusion #5; and
Z002 - PVC grinder #4.

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

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Paint dip line (K001)

Activity Description: Conveyor and paint dip tank

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Conveyor and paint dip tank for painting metal parts	OAC rule 3745-31-05 PTI No. 03-5440	64.2 pounds volatile organic compounds (VOC)/day, 11.72 tons VOC/year See Section A.I.2.a.
	OAC rule 3745-21-09 (U)(1)(d)	3.5 pounds VOC/gallon of coating (excluding water and exempt solvents)

2. Additional Terms and Conditions

2.a The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-09(U)(1)(d).

II. Operational Restrictions

1. The permittee shall only use complying coatings in this emissions unit, i.e., each material added to this emissions unit shall comply with the VOC content limitation.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record for each day of operation the following information for each material added to this emissions unit:

a. the name and identification number of each material added;

b. the VOC content of each material (in pounds/gallon, excluding water and exempt solvents), as applied;

c. the volume, in gallons (excluding water and exempt solvents), of each material;

d. the amount of VOC emitted from each material ("b" x "c"), in pounds; and

e. the total amount of VOC emitted from all the materials added (summation of "d" for all materials), in pounds.

IV. Reporting Requirements

1. The permittee shall notify the Director (the appropriate Ohio EPA District Office) in writing of any monthly record showing the use of noncomplying materials (i.e., for VOC content). The notification shall include a copy of such record and shall be sent to the Director (the appropriate Ohio EPA District Office) within 30 days following the end of the calendar month.

2. The permittee shall submit quarterly deviation (excursion) reports, in accordance with Section A.1.c.ii of Part I (General Terms and Conditions) of this permit, for all exceedances of the daily VOC emission limitation of 64.2 pounds.

V. Testing Requirements

1. Compliance with the emission limitation in Section A.I.1. of this permit shall be determined in accordance with the following methods:

1.a Emission Limitation:

64.2 pounds VOC/day

Applicable Compliance Method:

Compliance shall be based upon the record keeping requirements specified in Section A.III.1 of this permit.

1.b Emission Limitation:

11.72 tons VOC/year

Applicable Compliance Method:

The annual VOC emission limitation was developed by multiplying the daily VOC emission limitation by the maximum operating schedule of 365 days/year and dividing by 2000 pounds/ton. Therefore, provided compliance with the daily limitation is maintained, compliance with the annual limitation shall be ensured.

1.c Emission Limitation:

3.5 pounds VOC/gallon of coating, excluding water and exempt solvents

Applicable Compliance Method:

Compliance shall be based upon the record keeping requirements specified in Section A.III.1 of this permit.

Also any determination of VOC content, solids content, or density of a coating shall be based on the coating as employed (as applied), including the addition of any thinner or viscosity reducer to the coating. The permittee shall determine the composition of each coating from formulation data supplied by the manufacturer of the coating or from data determined by a Reference Method 24 analysis of each coating, as received. The Ohio EPA may require the permittee, if formulation data supplied by the manufacturer is used, to determine the VOC content of the coatings by Reference Method 24 or an equivalent or alternative method.

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Resin Spray Unit #1 (R001)

Activity Description: Fiberglass 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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
fiberglass/resin spray booth #1 (airless spray)	OAC rule 3745-31-05(A)(3) PTI No. 03-6095	See Sections A.II.1, 2 and 3. See Section A.I.2.a.
	OAC rule 3745-21-07(G)(2)	8 pounds organic compounds (OC)/hour, excluding cleanup 40 pounds OC/day, excluding cleanup
	OAC rule 3745-17-11(B)(1)	0.551 pound particulate emissions (PE)/hour
	OAC rule 3745-17-07(A)	Visible PE shall not exceed 20 percent opacity, as a 6-minute average, except as otherwise provided by rule.

2. Additional Terms and Conditions

2.a The requirements of this rule also include compliance with the requirements of OAC rules 3745-21-07(G)(2), 3745-17-11(B) and 3745-17-07(A).

II. Operational Restrictions

1. Resin usage in this emissions unit shall not exceed 12 gallons/hour and 60.53 gallons/day at a resin density of 9.17 pounds/gallon and an OC content of 44 percent, by weight. Catalyst usage shall not exceed 0.38 gallon/hour and 1.92 gallons/day at a catalyst density of 8.34 pounds/gallon and an OC content of 100 percent, by weight.

2. Cleanup material usage in emissions units R001 and R002, combined, shall not exceed 912 gallons/year. The OC content of the cleanup materials shall not exceed 6.59 pounds OC/gallon.

3. The permittee shall not employ any cleanup material in this emissions unit that is a photochemically reactive material. "Photochemically reactive material" is defined in OAC rule 3745-21-01(C)(5).

4. 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 this emissions unit:

a. the company identification for each polyester resin and catalyst employed;

b. the amount of each polyester resin and catalyst employed, in gallons;

c. the total amount of all the polyester resins and catalysts employed, in gallons (the sum of "b" for all polyester resins and the sum of "b" for all catalysts);

d. the OC content, in percent by weight, of each polyester resin and catalyst employed;

e. the density, in lbs/gallon, of each polyester resin and catalyst employed;

f. the OC emission rate for each polyester resin employed ("b" x "d" x "e" x .118*), in pounds;

g. the OC emission rate for each catalyst employed ("b" x "d" x "e"), in pounds;

h. the total OC emission rate for all the polyester resins and catalysts employed, in pounds (the sum of "f" for all polyester resins + the sum of "g" for all catalysts);

i. the total number of hours the emissions unit was in operation (when polyester resins and/or catalysts were being employed);

j. the average hourly OC emission rate for all the polyester resins and catalysts employed, in pounds/hour (h/i); and

k. the average hourly polyester resin and catalyst usage rates, in gallons ("c" for polyester resins divided by "i" and "c" for catalysts divided by "i").

* This emission factor (with flowcoat) is based on the April 7, 1999 CFA document entitled "Technical Discussion of the Unified Emission Factors for the Open Molding of Composites."

2. The permittee shall collect and record the following information for each month for emissions units R001 and R002, combined:

a. the company identification for each cleanup material employed;

b. documentation on whether or not each cleanup material employed is a photochemically reactive material;

c. the amount of each cleanup material employed, in gallons; and

d. the year-to-date total number of gallons of all the cleanup materials employed.

3. 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, in accordance with Section A.1.c.ii. of Part I of the General Terms and Conditions of this permit, that include the following information:

a. an identification of each day during which the average hourly OC emission rate for the polyester resins and catalysts exceeded 8 pounds/hour, and the actual average hourly OC emission rate for any such day;

b. an identification of each day during which the OC emissions from the polyester resins and catalysts exceeded 40 pounds/day, and the actual OC emissions for any such day;

c. an identification of each day during which the average hourly polyester resin and catalyst usage rates exceeded 12 gallons/hr and 0.38 gallon/hr, respectively, and the actual average hourly polyester resin and catalyst usage rates for any such day;

d. an identification of each day during which the polyester resin and catalyst usage rates exceeded 60.53 gallons/day and 1.92 gallons/day, respectively, and the actual polyester resin and catalyst usage rates for any such day;

e. an identification of each day during which the polyester resin and catalyst densities exceeded the restrictions of 9.17 lbs/gallon and 8.34 lbs/gallon, respectively; and

f. an identification of each day during which the polyester resin OC content exceeded the limitation of 44 percent, by weight.

2. The permittee shall notify the Director (the appropriate Ohio EPA 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 Director (the appropriate Ohio EPA District Office) within 30 days after the event occurs.

3. The permittee shall submit annual reports that specify the total usage of cleanup materials, in gallons, for emissions units R001 and R002, combined, and the total OC emissions, in tons, from the polyester resins and catalysts usage for this emissions unit. These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

4. The permittee shall notify the Director (the appropriate Ohio EPA District Office) in writing of any monthly record showing the use of noncomplying cleanup materials (i.e., photochemically reactive cleanup materials) in this emissions unit. The notification shall include a copy of such record and shall be sent to the Director (the appropriate Ohio EPA District Office) within 30 days of the date of the monthly record indicating noncompliance.

5. The permittee shall notify the Director (the appropriate Ohio EPA District Office) in writing of any monthly record showing the use of noncomplying cleanup materials (i.e., for OC content) in this emissions unit. The notification shall include a copy of such record and shall be sent to the Director (the appropriate Ohio EPA District Office) within 30 days of the date of the monthly record indicating noncompliance.

V. Testing Requirements

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

1.a Emission Limitations:

8 pounds OC/hour and 40 pounds OC/day

Applicable Compliance Method:

Compliance with the hourly and daily OC emission limitations above shall be based upon the record keeping requirements contained in Section A.III.1 of this permit.

V. Testing Requirements (continued)

1.b Emission Limitation:

resin usage limited to 12 gallons/hour and 60.53 gallons/day at a density of 9.17 pounds OC/gallon and an OC content of 44 percent, by weight

Applicable Compliance Method:

Compliance with the usage restrictions and OC content restriction above shall be based upon the record keeping requirements contained in Section A.III.1 of this permit.

1.c Emission Limitation:

catalyst usage limited to 0.38 gallon/hour and 1.92 gallons/day at a density of 8.34 pounds OC/gallon and an OC content of 100 percent, by weight

Applicable Compliance Method:

Compliance with the usage restrictions and OC content restriction above shall be based upon the record keeping requirements contained in Section A.III.1 of this permit.

1.d Emission Limitation:

cleanup material usage limited to 912 gallons/year
OC content of 6.59 pounds OC/gallon

Applicable Compliance Method:

Compliance with the usage restriction and OC content restriction above shall be based upon the record keeping requirements contained in Section A.III.2 of this permit.

1.e Emission Limitation:

0.551 pound PE/hour

Applicable Compliance Method:

To determine the actual worst case PE rate (E), the following equation may be used for the spraying operations:

E = maximum coating solids usage rate for the spray stations, in pounds per hour X (1-TE) X (1-CE)

where

E = PE rate (lbs/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 for the spray stations (obtained from the application equipment manufacturer or from technical references), expressed as a fraction

CE = control efficiency of the control equipment (assumed to be 98%), expressed as a fraction

If required, the permittee shall demonstrate compliance with the PE limitation above pursuant to OAC rule 3745-17-03(B)(10).

V. Testing Requirements (continued)

1.f Emission Limitation:

Visible PE shall not exceed 20 percent opacity, as a 6-minute average, except as provided by rule.

Applicable Compliance Method:

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

2. Formulation data or USEPA Method 24 shall be used to determine the OC contents of all polyester resins, catalyst and cleanup materials.

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Resin Spray Unit #2 (R002)

Activity Description: Fiberglass 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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
fiberglass/resin spray booth #2 (airless spray)	OAC rule 3745-31-05(A)(3) PTI No. 03-6095	See Sections A.II.1, 2 and 3. See Section A.I.2.a.
	OAC rule 3745-21-07(G)(2)	8 pounds organic compounds (OC)/hour, excluding cleanup 40 pounds OC/day, excluding cleanup
	OAC rule 3745-17-11(B)(1)	0.551 pound particulate emissions (PE)/hour
	OAC rule 3745-17-07(A)	Visible PE shall not exceed 20 percent opacity, as a 6-minute average, except as otherwise provided by rule.

2. Additional Terms and Conditions

2.a The requirements of this rule also include compliance with the requirements of OAC rules 3745-21-07(G)(2), 3745-17-11(B) and 3745-17-07(A).

II. Operational Restrictions

1. Resin usage in this emissions unit shall not exceed 12 gallons/hour and 60.53 gallons/day at a resin density of 9.17 pounds/gallon and an OC content of 44 percent, by weight. Catalyst usage shall not exceed 0.38 gallon/hour and 1.92 gallons/day at a catalyst density of 8.34 pounds/gallon and an OC content of 100 percent, by weight.

2. Cleanup material usage in emissions units R001 and R002, combined, shall not exceed 912 gallons/year. The OC content of the cleanup materials shall not exceed 6.59 pounds OC/gallon.

3. The permittee shall not employ any cleanup material in this emissions unit that is a photochemically reactive material. "Photochemically reactive material" is defined in OAC rule 3745-21-01(C)(5).

4. 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 this emissions unit:

a. the company identification for each polyester resin and catalyst employed;

b. the amount of each polyester resin and catalyst employed, in gallons;

c. the total amount of all the polyester resins and catalysts employed, in gallons (the sum of "b" for all polyester resins and the sum of "b" for all catalysts);

d. the OC content, in percent by weight, of each polyester resin and catalyst employed;

e. the density, in lbs/gallon, of each polyester resin and catalyst employed;

f. the OC emission rate for each polyester resin employed ("b" x "d" x "e" x .118*), in pounds;

g. the OC emission rate for each catalyst employed ("b" x "d" x "e"), in pounds;

h. the total OC emission rate for all the polyester resins and catalysts employed, in pounds (the sum of "f" for all polyester resins + the sum of "g" for all catalysts);

i. the total number of hours the emissions unit was in operation (when polyester resins and/or catalysts were being employed);

j. the average hourly OC emission rate for all the polyester resins and catalysts employed, in pounds/hour (h/i); and

k. the average hourly polyester resin and catalyst usage rates, in gallons ("c" for polyester resins divided by "i" and "c" for catalysts divided by "i").

* This emission factor (with flowcoat) is based on the April 7, 1999 CFA document entitled "Technical Discussion of the Unified Emission Factors for the Open Molding of Composites."

2. The permittee shall collect and record the following information for each month for emissions units R001 and R002, combined:

a. the company identification for each cleanup material employed;

b. documentation on whether or not each cleanup material employed is a photochemically reactive material;

c. the amount of each cleanup material employed, in gallons; and

d. the year-to-date total number of gallons of all the cleanup materials employed.

3. 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, in accordance with Section A.1.c.ii. of Part I of the General Terms and Conditions of this permit, that include the following information:

a. an identification of each day during which the average hourly OC emission rate for the polyester resins and catalysts exceeded 8 pounds/hour, and the actual average hourly OC emission rate for any such day;

b. an identification of each day during which the OC emissions from the polyester resins and catalysts exceeded 40 pounds/day, and the actual OC emissions for any such day;

c. an identification of each day during which the average hourly polyester resin and catalyst usage rates exceeded 12 gallons/hr and 0.38 gallon/hr, respectively, and the actual average hourly polyester resin and catalyst usage rates for any such day;

d. an identification of each day during which the polyester resin and catalyst usage rates exceeded 60.53 gallons/day and 1.92 gallons/day, respectively, and the actual polyester resin and catalyst usage rates for any such day;

e. an identification of each day during which the polyester resin and catalyst densities exceeded the restrictions of 9.17 lbs/gallon and 8.34 lbs/gallon, respectively; and

f. an identification of each day during which the polyester resin OC content exceeded the limitation of 44 percent, by weight.

2. The permittee shall notify the Director (the appropriate Ohio EPA 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 Director (the appropriate Ohio EPA District Office) within 30 days after the event occurs.

3. The permittee shall submit annual reports that specify the total usage of cleanup materials, in gallons, for emissions units R001 and R002, combined, and the total OC emissions, in tons, from the polyester resins and catalysts usage for this emissions unit. These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

4. The permittee shall notify the Director (the appropriate Ohio EPA District Office) in writing of any monthly record showing the use of noncomplying cleanup materials (i.e., photochemically reactive cleanup materials) in this emissions unit. The notification shall include a copy of such record and shall be sent to the Director (the appropriate Ohio EPA District Office) within 30 days of the date of the monthly record indicating noncompliance.

5. The permittee shall notify the Director (the appropriate Ohio EPA District Office) in writing of any monthly record showing the use of noncomplying cleanup materials (i.e., for OC content) in this emissions unit. The notification shall include a copy of such record and shall be sent to the Director (the appropriate Ohio EPA District Office) within 30 days of the date of the monthly record indicating noncompliance.

V. Testing Requirements

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

1.a Emission Limitations:

8 pounds OC/hour and 40 pounds OC/day

Applicable Compliance Method:

Compliance with the hourly and daily OC emission limitations above shall be based upon the record keeping requirements contained in Section A.III.1 of this permit.

V. Testing Requirements (continued)

1.b Emission Limitation:

resin usage limited to 12 gallons/hour and 60.53 gallons/day at a density of 9.17 pounds OC/gallon and an OC content of 44 percent, by weight

Applicable Compliance Method:

Compliance with the usage restrictions and OC content restriction above shall be based upon the record keeping requirements contained in Section A.III.1 of this permit.

1.c Emission Limitation:

catalyst usage limited to 0.38 gallon/hour and 1.92 gallons/day at a density of 8.34 pounds OC/gallon and an OC content of 100 percent, by weight

Applicable Compliance Method:

Compliance with the usage restrictions and OC content restriction above shall be based upon the record keeping requirements contained in Section A.III.1 of this permit.

1.d Emission Limitation:

cleanup material usage limited to 912 gallons/year
OC content of 6.59 pounds OC/gallon

Applicable Compliance Method:

Compliance with the usage restriction and OC content restriction above shall be based upon the record keeping requirements contained in Section A.III.2 of this permit.

1.e Emission Limitation:

0.551 pound PE/hour

Applicable Compliance Method:

To determine the actual worst case PE rate (E), the following equation may be used for the spraying operations:

E = maximum coating solids usage rate for the spray stations, in pounds per hour X (1-TE) X (1-CE)

where

E = PE rate (lbs/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 for the spray stations (obtained from the application equipment manufacturer or from technical references), expressed as a fraction

CE = control efficiency of the control equipment (assumed to be 98%), expressed as a fraction

If required, the permittee shall demonstrate compliance with the PE limitation above pursuant to OAC rule 3745-17-03(B)(10).

V. Testing Requirements (continued)

1.f Emission Limitation:

Visible PE shall not exceed 20 percent opacity, as a 6-minute average, except as provided by rule.

Applicable Compliance Method:

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

2. Formulation data or USEPA Method 24 shall be used to determine the OC contents of all polyester resins, catalyst and cleanup materials.

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: Gel Coat Spray Unit #1 (R003)

Activity Description: Gel coat 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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
gelcoat spray booth #1 (airless spray)	OAC rule 3745-31-05(A)(3) PTI No. 03-6095	See Sections A.II.1, 2 and 3. See Section A.I.2.a.
	OAC rule 3745-21-07(G)(2)	8 pounds organic compounds (OC)/hour, excluding cleanup 40 pounds OC/day, excluding cleanup
	OAC rule 3745-17-11(B)(1)	0.551 pound particulate emissions (PE)/hour
	OAC rule 3745-17-07(A)	Visible PE shall not exceed 20 percent opacity, as a 6-minute average, except as otherwise provided by rule.

2. Additional Terms and Conditions

2.a The requirements of this rule also include compliance with the requirements of OAC rules 3745-21-07(G)(2), 3745-17-11(B) and 3745-17-07(A).

II. Operational Restrictions

1. White gelcoat 81.602C usage in this emissions unit shall not exceed 13.9 gallons/hour and 69.50 gallons/day at a density of 11.8 pounds/gallon and an OC content of 31.7 percent, by weight. Black gelcoat 81.601C usage shall not exceed 14.55 gallons/hour and 72.73 gallons/day at a density of 10.8 pounds/gallon and an OC content of 32.7 percent, by weight.

2. Cleanup material usage in this emissions unit shall not exceed 576 gallons/year. The OC content of the cleanup materials shall not exceed 6.59 pounds OC/gallon.

3. The permittee shall not employ any cleanup material in this emissions unit that is a photochemically reactive material. "Photochemically reactive material" is defined in OAC rule 3745-21-01(C)(5).

4. 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 this emissions unit:

a. the company identification and type (i.e., white or black) of each gelcoat employed;

b. the amount of each gelcoat employed, in gallons;

c. the total amount of all the white gelcoats and black gelcoats employed, in gallons (the sum of "b" for all white gelcoats and the sum of "b" for all black gelcoats);

d. the OC content, in percent by weight, of each gelcoat employed;

e. the density, in lbs/gallon, of each gelcoat employed;

f. the OC emission rate for each gelcoat employed ("b" x "d" x "e" x .523*), in pounds;

g. the total OC emission rate for all the gelcoats employed, in pounds (the sum of "f" for all gelcoats);

h. the total number of hours the emissions unit was in operation;

i. the average hourly OC emission rate for all the gelcoats employed, in pounds/hour (g/h); and

j. the average hourly white gelcoat and black gelcoat usage rates, in gallons ("c" for white gelcoats divided by "h" and "c" for black gelcoats divided by "h").

* This emission factor (with non-flowcoat) is based on the April 7, 1999 CFA document entitled "Technical Discussion of the Unified Emission Factors for the Open Molding of Composites."

2. The permittee shall collect and record the following information for each month for this emissions unit:

a. the company identification for each cleanup material employed;

b. documentation on whether or not each cleanup material employed is a photochemically reactive material;

c. the amount of each cleanup material employed, in gallons; and

d. the year-to-date total number of gallons of all the cleanup materials employed.

3. 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, in accordance with Section A.1.c.ii. of Part I of the General Terms and Conditions of this permit, that include the following information:

a. an identification of each day during which the average hourly OC emission rate for the gelcoats exceeded 8 pounds/hour, and the actual average hourly OC emission rate for any such day;

b. an identification of each day during which the OC emissions from the gelcoats exceeded 40 pounds/day, and the actual OC emissions for any such day;

c. an identification of each day during which the average hourly white gelcoat and black gelcoat usage rates exceeded 13.9 gallons/hr and 14.55 gallons/hr, respectively, and the actual average hourly white gelcoat and black gelcoat usage rates for any such day;

d. an identification of each day during which the white gelcoat and black gelcoat usage rates exceeded 69.5 gallons/day and 72.73 gallons/day, respectively, and the actual white gelcoat and black gelcoats usage rates for any such day;

e. an identification of each day during which the white gelcoat and black gelcoat densities exceeded the restrictions of 11.8 lbs/gallon and 10.8 lbs/gallon, respectively; and

f. an identification of each day during which the OC contents of the white gelcoats and black gelcoats exceeded the limitations of 31.7 percent, by weight, and 32.7 percent, by weight, respectively.

2. The permittee shall notify the Director (the appropriate Ohio EPA 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 Director (the appropriate Ohio EPA District Office) within 30 days after the event occurs.

3. The permittee shall submit annual reports that specify the total usage of cleanup materials, in gallons, and the total OC emissions, in tons, from the polyester resins and catalysts usage for this emissions unit. These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

4. The permittee shall notify the Director (the appropriate Ohio EPA District Office) in writing of any monthly record showing the use of noncomplying cleanup materials (i.e., photochemically reactive cleanup materials) in this emissions unit. The notification shall include a copy of such record and shall be sent to the Director (the appropriate Ohio EPA District Office) within 30 days of the date of the monthly record indicating noncompliance.

5. The permittee shall notify the Director (the appropriate Ohio EPA District Office) in writing of any monthly record showing the use of noncomplying cleanup materials (i.e., for OC content) in this emissions unit. The notification shall include a copy of such record and shall be sent to the Director (the appropriate Ohio EPA District Office) within 30 days of the date of the monthly record indicating noncompliance.

V. Testing Requirements

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

1.a Emission Limitation:

white gelcoat usage limited to 13.9 gallons/hour and 69.50 gallons/day at a density of 11.8 pounds OC/gallon

Applicable Compliance Method:

Compliance with the usage restrictions and OC content restriction above shall be based upon the record keeping requirements contained in Section A.III.1 of this permit.

V. Testing Requirements (continued)

1.b Emission Limitation:

black gelcoat usage limited to 14.55 gallons/hour and 72.73 gallons/day at a density of 10.8 pounds OC/gallon

Applicable Compliance Method:

Compliance with the usage restrictions and OC content restriction above shall be based upon the record keeping requirements contained in Section A.III.1 of this permit.

1.c Emission Limitation:

cleanup material usage limited to 576 gallons/year
OC content of cleanup material - 6.59 pounds OC/gallon

Applicable Compliance Method:

Compliance with the usage restriction and OC content restriction above shall be based upon the record keeping requirements contained in Section A.III.2 of this permit.

1.d Emission Limitations:

8 pounds OC/hour and 40 pounds OC/day

Applicable Compliance Method:

Compliance with the hourly and daily OC emission limitations above shall be based upon the record keeping requirements contained in Section A.III.1 of this permit.

1.e Emission Limitation:

Visible PE shall not exceed 20 percent opacity, as a 6-minute average, except as provided by rule.

Applicable Compliance Method:

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

1.f Emission Limitation:

0.551 pound PE/hour

Applicable Compliance Method:

To determine the actual worst case PE rate (E), the following equation may be used for the spraying operations:

E = maximum coating solids usage rate for the spray stations, in pounds per hour X (1-TE) X (1-CE)

where

E = PE rate (lbs/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 for the spray stations (obtained from the application equipment manufacturer or from technical references), expressed as a fraction

CE = control efficiency of the control equipment (assumed to be 98%), expressed as a fraction

If required, the permittee shall demonstrate compliance with the PE limitation above pursuant to OAC rule 3745-17-03(B)(10).

V. Testing Requirements (continued)

2. Formulation data or USEPA Method 24 shall be used to determine the OC contents of all polyester resins, catalyst and cleanup materials.

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Resin Spray Unit #3 (R004)

Activity Description: Fiberglass 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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
fiberglass/resin spray booth #3 (airless spray)	OAC rule 3745-31-05(A)(3) PTI No. 03-9363	0.20 ton organic compounds (OC)/year, from cleanup material usage See Section A.II.1. See Section A.I.2.a.
	OAC rule 3745-21-07(G)(2)	8 pounds organic compounds (OC)/hour, excluding cleanup 40 pounds OC/day, excluding cleanup
	OAC rule 3745-17-11(B)(1)	0.551 pound particulate emissions (PE)/hour
	OAC rule 3745-17-07(A)	Visible PE shall not exceed 20 percent opacity, as a 6-minute average, except as otherwise provided by rule.

2. Additional Terms and Conditions

2.a The requirements of this rule also include compliance with the requirements of OAC rules 3745-21-07(G)(2), 3745-17-11(B) and 3745-17-07(A).

II. Operational Restrictions

1. The permittee shall not employ any cleanup material in this emissions unit that is a photochemically reactive material. "Photochemically reactive material" is defined in OAC rule 3745-21-01(C)(5).

2. 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 this emissions unit:

a. the company identification for each polyester resin and catalyst employed;

b. the amount of each polyester resin and catalyst employed, in gallons;

c. the OC content, in percent by weight, of each polyester resin and catalyst employed;

d. the density, in lbs/gallon, of each polyester resin and catalyst employed;

e. the OC emission rate for each polyester resin employed ("b" x "c" x "d" x .118*), in pounds;

f. the OC emission rate for each catalyst employed ("b" x "c" x "d"), in pounds;

g. the total OC emission rate for all the polyester resins and catalysts employed, in pounds (the sum of "e" for all polyester resins + the sum of "f" for all catalysts);

h. the total number of hours the emissions unit was in operation (when polyester resins and/or catalysts were being employed); and

i. the average hourly OC emission rate for all the polyester resins and catalysts employed, in pounds/hour (g/h).

* This emission factor (with flowcoat) is based on the April 7, 1999 CFA document entitled "Technical Discussion of the Unified Emission Factors for the Open Molding of Composites."

2. The permittee shall collect and record the following information for each month for this emissions unit:

a. the company identification for each cleanup material employed;

b. documentation on whether or not each cleanup material employed is a photochemically reactive material;

c. the amount of each cleanup material employed, in gallons;

d. the OC content of each cleanup material employed, in pounds/gallon;

e. the OC emission rate for each cleanup material employed, in pounds ("c" multiplied by "d");

f. the total OC emission rate for all the cleanup materials employed, in pounds (the sum of "e" for all cleanup materials); and

g. the year-to-date total OC emissions for all the cleanup materials employed, in tons.

3. 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, in accordance with Section A.1.c.ii. of Part I of the General Terms and Conditions of this permit, that include the following information:

a. an identification of each day during which the average hourly OC emission rate for the polyester resins and catalysts exceeded 8 pounds/hour, and the actual average hourly OC emission rate for any such day; and

b. an identification of each day during which the OC emissions from the polyester resins and catalysts exceeded 40 pounds/day, and the actual OC emissions for any such day.

2. The permittee shall notify the Director (the appropriate Ohio EPA 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 Director (the appropriate Ohio EPA District Office) within 30 days after the event occurs.

IV. Reporting Requirements (continued)

3. The permittee shall submit annual reports that specify the total OC emissions from the usage of cleanup materials for this emissions unit. These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

4. The permittee shall notify the Director (the appropriate Ohio EPA District Office) in writing of any monthly record showing the use of noncomplying cleanup materials (i.e., photochemically reactive cleanup materials) in this emissions unit. The notification shall include a copy of such record and shall be sent to the Director (the appropriate Ohio EPA District Office or local air agency) within 30 days of the date of the monthly record indicating noncompliance.

V. Testing Requirements

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

1.a Emission Limitations:

8 pounds OC/hour and 40 pounds OC/day

Applicable Compliance Method:

Compliance with the hourly and daily OC emission limitations above shall be based upon the record keeping requirements contained in Section A.III.1 of this permit.

1.b Emission Limitation:

0.20 ton OC/year, from cleanup material usage

Applicable Compliance Method:

Compliance with the OC emission limitation above shall be based upon the record keeping requirements contained in Section A.III.2 of this permit.

1.c Emission Limitation:

0.551 pound PE/hour

Applicable Compliance Method:

To determine the actual worst case PE rate (E), the following equation may be used for the spraying operations:

E = maximum coating solids usage rate for the spray stations, in pounds per hour X (1-TE) X (1-CE)

where,

E = PE rate (lbs/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 for the spray stations (obtained from the application equipment manufacturer or from technical references), expressed as a fraction

CE = control efficiency of the control equipment (assumed to be 98%), expressed as a fraction

If required, the permittee shall demonstrate compliance with the PE limitation above pursuant to OAC rule 3745-17-03(B)(10).

V. Testing Requirements (continued)

1.d Emission Limitation:

Visible PE shall not exceed 20 percent opacity, as a 6-minute average, except as provided by rule.

Applicable Compliance Method:

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

2. Formulation data or USEPA Method 24 shall be used to determine the OC contents of all polyester resins, catalysts and cleanup materials.

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
fiberglass/resin spray booth #3 (airless spray)	none	none

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permit to install for this emissions unit was evaluated based on the actual materials (typically coatings and cleanup materials) and the design parameters of the emissions unit's exhaust system, as specified by the permittee in the permit to install application. The Ohio EPA's "Review of New Sources of Air Toxic Emissions" policy ("Air Toxic Policy") was applied for each pollutant emitted by this emissions unit using data from the permit to install application and the SCREEN 3.0 model (or other Ohio EPA approved model). The predicted 1-hour maximum ground-level concentration from the use of the SCREEN 3.0 model was compared to the Maximum Acceptable Ground-Level Concentration (MAGLC). The following summarizes the results of the modeling for the "worst case" pollutant(s):

Pollutant: styrene
TLV (mg/m3): 213 (Note: TLV changed in 1997 to 85)
Maximum Hourly Emission Rate (lbs/hr): 8.0
Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 13.17
MAGLC (ug/m3): 5,071

2. Physical changes to or changes in the method of operation of the emissions unit after its installation or modification could affect the parameters used to determine whether or not the "Air Toxic Policy" is satisfied. Consequently, prior to making a change that could impact such parameters, the permittee shall conduct an evaluation to determine that the "Air Toxic Policy" will still be still satisfied. If, upon evaluation, the permittee determines that the "Air Toxic Policy" will not be satisfied, the permittee will not make the change. Changes that can affect the parameters used in applying the "Air Toxic Policy" include the following:

2.a changes in the composition of the materials used (typically for coatings or cleanup materials), or the use of new materials, that would result in the emission of a compound with a lower Threshold Limit Value (TLV), as indicated in the most recent version of the handbook entitled "American Conference of Governmental Industrial Hygienists (ACGIH)," than the lowest TLV value previously modeled;

2.b changes in the composition of the materials, or use of new materials, that would result in an increase in emissions of any pollutant with a listed TLV that was proposed in the application and modeled; and

2.c physical changes to the emissions unit or its exhaust parameters (e.g., increased/ decreased exhaust flow, changes in stack height, changes in stack diameter, etc.).

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

2.d If the permittee determines that the "Air Toxic Policy" will be satisfied for the above changes, the Ohio EPA will not consider the change(s) to be a "modification" under OAC rule 3745-31-01(VV)(1)(a)(ii), and a modification of the existing permit to install will not be required. If the change(s) is (are) defined as a modification under other provisions of the modification definition (other than (VV)(1)(a)(ii)), then the permittee shall obtain a final permit to install prior to the change.

3. The permittee shall collect, record, and retain the following information when it conducts evaluations to determine that the changed emissions unit will still satisfy the "Air Toxic Policy:"

3.a a description of the parameters changed (composition of materials, new pollutants emitted, change in stack/exhaust parameters, etc.);

3.b documentation of its evaluation and determination that the changed emissions unit still satisfies the "Air Toxic Policy"; and

3.c where computer modeling is performed, a copy of the resulting computer model runs that show the results of the application of the "Air Toxic Policy" for the change.

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Gel Coat Spray Unit #2 (R005)

Activity Description: Gel coat 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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
gelcoat spray booth #2 (airless spray)	OAC rule 3745-31-05(A)(3) PTI No. 03-9363	0.20 ton organic compounds (OC)/year, from cleanup material usage See Sections A.II.1 and 2. See Section A.I.2.a.
	OAC rule 3745-21-07(G)(2)	8 pounds organic compounds (OC)/hour, excluding cleanup 40 pounds OC/day, excluding cleanup
	OAC rule 3745-17-11(B)(1)	0.551 pound particulate emissions (PE)/hour
	OAC rule 3745-17-07(A)	Visible PE shall not exceed 20 percent opacity, as a 6-minute average, except as otherwise provided by rule.

2. Additional Terms and Conditions

2.a The requirements of this rule also include compliance with the requirements of OAC rules 3745-21-07(G)(2), 3745-17-11(B) and 3745-17-07(A).

II. Operational Restrictions

1. The permittee shall not employ any cleanup material in this emissions unit that is a photochemically reactive material. "Photochemically reactive material" is defined in OAC rule 3745-21-01(C)(5).

2. 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 this emissions unit:

a. the company identification of each gelcoat employed;

b. the amount of each gelcoat employed, in gallons;

c. the OC content, in percent by weight, of each gelcoat employed;

d. the density, in lbs/gallon, of each gelcoat employed;

e. the OC emission rate for each gelcoat employed ("b" x "c" x "d" x .523*), in pounds;

f. the total OC emission rate for all the gelcoats employed, in pounds (the sum of "e" for all gelcoats);

g. the total number of hours the emissions unit was in operation; and

h. the average hourly OC emission rate for all the gelcoats employed, in pounds/hour (f/g).

* This emission factor (with non-flowcoat) is based on the April 7, 1999 CFA document entitled "Technical Discussion of the Unified Emission Factors for the Open Molding of Composites."

2. The permittee shall collect and record the following information for each month for this emissions unit:

a. the company identification for each cleanup material employed;

b. documentation on whether or not each cleanup material employed is a photochemically reactive material;

c. the amount of each cleanup material employed, in gallons;

d. the OC content of each cleanup material employed, in pounds/gallon;

e. the OC emission rate for each cleanup material employed, in pounds ("c" multiplied by "d");

f. the total OC emission rate for all the cleanup materials employed, in pounds (the sum of "e" for all cleanup materials); and

g. the year-to-date total OC emissions for all the cleanup materials employed, in tons.

3. 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, in accordance with Section A.1.c.ii. of Part I of the General Terms and Conditions of this permit, that include the following information:

a. an identification of each day during which the average hourly OC emission rate for the gelcoats exceeded 8 pounds/hour, and the actual average hourly OC emission rate for any such day; and

b. an identification of each day during which the OC emissions from the gelcoats exceeded 40 pounds/day, and the actual OC emissions for any such day.

2. The permittee shall notify the Director (the appropriate Ohio EPA 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 Director (the appropriate Ohio EPA District Office) Office within 30 days after the event occurs.

3. The permittee shall submit annual reports that specify the total OC emissions from the usage of cleanup materials for this emissions unit. These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

IV. Reporting Requirements (continued)

4. The permittee shall notify the Director (the appropriate Ohio EPA District Office) in writing of any monthly record showing the use of noncomplying cleanup materials (i.e., photochemically reactive cleanup materials) in this emissions unit. The notification shall include a copy of such record and shall be sent to the Director (the appropriate Ohio EPA District Office) within 30 days of the date of the monthly record indicating noncompliance.

V. Testing Requirements

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

1.a Emission Limitations:

8 pounds OC/hour and 40 pounds OC/day

Applicable Compliance Method:

Compliance with the hourly and daily OC emission limitations above shall be based upon the record keeping requirements contained in Section A.III.1 of this permit.

1.b Emission Limitation:

0.20 ton OC/year, from cleanup material usage

Applicable Compliance Method:

Compliance with the OC emission limitation shall be based upon the record keeping requirements contained in Section A.III.2 of this permit.

1.c Emission Limitation:

0.551 pound PE/hour

Applicable Compliance Method:

To determine the actual worst case PE rate (E), the following equation may be used for the spraying operations:

E = maximum coating solids usage rate for the spray stations, in pounds per hour X (1-TE) X (1-CE)

where,

E = PE rate (lbs/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 for the spray stations (obtained from the application equipment manufacturer or from technical references), expressed as a fraction

CE = control efficiency of the control equipment (assumed to be 98%), expressed as a fraction

If required, the permittee shall demonstrate compliance with the PE limitation above pursuant to OAC rule 3745-17-03(B)(10).

1.d Emission Limitation:

Visible PE shall not exceed 20 percent opacity, as a 6-minute average, except as provided by rule.

Applicable Compliance Method:

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

V. Testing Requirements (continued)

2. Formulation data or USEPA Method 24 shall be used to determine the OC contents of all coatings and cleanup materials.

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
gelcoat spray booth #2 (airless spray)	none	none

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permit to install for this emissions unit was evaluated based on the actual materials (typically coatings and cleanup materials) and the design parameters of the emissions unit's exhaust system, as specified by the permittee in the permit to install application. The Ohio EPA's "Review of New Sources of Air Toxic Emissions" policy ("Air Toxic Policy") was applied for each pollutant emitted by this emissions unit using data from the permit to install application and the SCREEN 3.0 model (or other Ohio EPA approved model). The predicted 1-hour maximum ground-level concentration from the use of the SCREEN 3.0 model was compared to the Maximum Acceptable Ground-Level Concentration (MAGLC). The following summarizes the results of the modeling for the "worst case" pollutant(s):

Pollutant: styrene
TLV (mg/m3): 213 (Note: TLV changed in 1997 to 85)
Maximum Hourly Emission Rate (lbs/hr): 8.0
Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 13.17
MAGLC (ug/m3): 5,071

2. Physical changes to or changes in the method of operation of the emissions unit after its installation or modification could affect the parameters used to determine whether or not the "Air Toxic Policy" is satisfied. Consequently, prior to making a change that could impact such parameters, the permittee shall conduct an evaluation to determine that the "Air Toxic Policy" will still be still satisfied. If, upon evaluation, the permittee determines that the "Air Toxic Policy" will not be satisfied, the permittee will not make the change. Changes that can affect the parameters used in applying the "Air Toxic Policy" include the following:

2.a changes in the composition of the materials used (typically for coatings or cleanup materials), or the use of new materials, that would result in the emission of a compound with a lower Threshold Limit Value (TLV), as indicated in the most recent version of the handbook entitled "American Conference of Governmental Industrial Hygienists (ACGIH)," than the lowest TLV value previously modeled;

2.b changes in the composition of the materials, or use of new materials, that would result in an increase in emissions of any pollutant with a listed TLV that was proposed in the application and modeled; and

2.c physical changes to the emissions unit or its exhaust parameters (e.g., increased/ decreased exhaust flow, changes in stack height, changes in stack diameter, etc.).

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

2.d If the permittee determines that the "Air Toxic Policy" will be satisfied for the above changes, the Ohio EPA will not consider the change(s) to be a "modification" under OAC rule 3745-31-01(VV)(1)(a)(ii), and a modification of the existing permit to install will not be required. If the change(s) is (are) defined as a modification under other provisions of the modification definition (other than (VV)(1)(a)(ii)), then the permittee shall obtain a final permit to install prior to the change.

3. The permittee shall collect, record, and retain the following information when it conducts evaluations to determine that the changed emissions unit will still satisfy the "Air Toxic Policy:"

3.a a description of the parameters changed (composition of materials, new pollutants emitted, change in stack/exhaust parameters, etc.);

3.b documentation of its evaluation and determination that the changed emissions unit still satisfies the "Air Toxic Policy"; and

3.c where computer modeling is performed, a copy of the resulting computer model runs that show the results of the application of the "Air Toxic Policy" for the change.

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

****

THIS IS THE LAST PAGE OF THE PERMIT

****