



State of Ohio Environmental Protection Agency

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P.O. Box 1049  
Columbus, OH 43216-1049

07/02/98

**CERTIFIED MAIL**

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

01-24-01-0112  
Crane Cor Tec Company  
Joseph Smart  
2351 Kenskill Avenue  
Washington Court House, OH 43160

Dear Joseph Smart:

You are hereby notified that the Ohio Environmental Protection Agency has prepared the enclosed draft of the Title V permit for the facility referenced above. The purpose of this draft is to solicit public comments. A public notice concerning the draft will appear in the Ohio EPA Weekly Review and the major newspaper in the county where the facility is located. Comments and/or a request for a public hearing from the public and any affected parties will be accepted by Central District Office within 30 days of the date of publication in the newspaper. You will be notified in writing if a public hearing is scheduled.

A decision on processing the Title V permit will be made after consideration of written public comments and oral testimony (if a public hearing is conducted). After the comment period, you will be provided with a Preliminary Proposed Title V permit and an opportunity to comment prior to the Proposed Title V permit submittal to USEPA.

**If you have any questions or comments concerning this draft Title V permit, please contact Central District Office.**

Very truly yours,

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

cc: USEPA  
Jim Orlemann, DAPC Engineering  
Michael Ahern, DAPC PMU  
Ohio EPA, Central District Office  
Kentucky



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## Ohio EPA

State of Ohio Environmental Protection Agency

### TITLE V PERMIT

Issue Date: 07/02/98

**DRAFT**

Effective Date:

Expiration Date:

This document constitutes issuance to:

Crane Cor Tec Company  
2351 Kenskill Avenue  
Washington Court House, OH 43160

of a Title V permit for Facility ID: 01-24-01-0112

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

P002 (Saw #1)

Plant 2 Sawing Operations - Saw #1

P003 (Saw #2)

Plant 2 Sawing Operations - Saw #2

P004 (Rodgers Saw)

Plant 2 Sawing Operations - Rodgers Saw

P009 (Trough Drying)

Trough Drying Cabinet

R001 (Gelcoat)

Gelcoat Application

R002 (Scuff Adhesive Application)

Epoxy Adhesive Application

R003 (Lamination Table #1)

Resin Application and Vacuum Curing

R004 (Lamination Table #2)

Resin Application and Vacuum Curing

R005 (Lamination Table #3)

Resin Application and Vacuum Curing

R006 (Lamination Table #4)

Resin Application and Vacuum Curing

R007 (Lamination Table #5)

Resin Application and Vacuum Curing

R008 (Lamination Table #6)

Resin Application and Vacuum Curing

You will be contacted approximately eighteen (18) months prior to the expiration date regarding the renewal of this permit. If you are not contacted, please contact the appropriate Ohio EPA District Office or local air agency listed below. This permit and the authorization to operate the air contaminant sources (emissions units) at this facility shall expire at midnight on the expiration date shown above. If a renewal permit is not issued prior to the expiration date, the permittee may continue to operate pursuant to OAC rule 3745-77-04(A) and in accordance with the terms of this permit beyond the expiration date, provided that a complete renewal application is submitted no earlier than eighteen (18) months and no later than one-hundred eighty (180) days prior to the expiration date.

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

Central District Office  
3232 Alum Creek Drive  
Columbus, OH 43207-3417  
(614) 728-3778

**OHIO ENVIRONMENTAL PROTECTION AGENCY**

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Director

# PART I - GENERAL TERMS AND CONDITIONS

## A. State and Federally Enforceable Section

### 1. Monitoring and Related Recordkeeping and Reporting Requirements

- a. Except as may otherwise be provided in the terms and conditions for a specific emissions unit, the permittee shall maintain records that include the following, where applicable, for any required monitoring under this permit:
  - i. The date, place (as defined in the permit), and time of sampling or measurements.
  - ii. The date(s) analyses were performed.
  - iii. The company or entity that performed the analyses.
  - iv. The analytical techniques or methods used.
  - v. The results of such analyses.
  - vi. The operating conditions existing at the time of sampling or measurement.
- b. Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. Such records may be maintained in computerized form.
- c. Except as may otherwise be provided in the terms and conditions for a specific emissions unit, the permittee shall submit required reports in the following manner:
  - i. Reports of any required monitoring and/or recordkeeping information shall be submitted to the appropriate Ohio EPA District Office or local air agency.
  - ii. Quarterly written reports of (i) any deviations from federally enforceable emission limitations, operational restrictions, and control device operating parameter limitations, excluding deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06, that have been detected by the testing, monitoring and recordkeeping requirements specified in this permit, (ii) the probable cause of such deviations, and (iii) any corrective actions or preventive measures taken, shall be promptly made to the appropriate Ohio EPA District Office or local air agency. These quarterly written reports shall satisfy the requirements of OAC rule 3745-77-07(A)(3)(c)(i) and (ii) pertaining to the submission of monitoring reports every six months and OAC rule 3745-77-07(A)(3)(c)(iii) pertaining to the prompt reporting of all deviations except malfunctions, which shall be reported in accordance with OAC rule 3745-15-06. The written reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. (These quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.) See B.8 below if no deviations occurred during the quarter.
  - iii. Written reports, which identify any deviations from the federally enforceable monitoring, recordkeeping, and reporting requirements contained in this permit shall be submitted to the appropriate Ohio EPA District Office or local air agency every six months, i.e., by January 31 and July 31 of each year for the previous six calendar months. These semi-annual written reports shall satisfy the requirements of OAC rule 3745-77-07(A)(3)(c)(i) and (ii) pertaining to the reporting of any deviations related to the monitoring, recordkeeping, and reporting

requirements. If no deviations occurred during a six-month period, the permittee shall submit a semi-annual report, which states that no deviations occurred during that period.

- iv. Each written report shall be signed by a responsible official certifying that, based on information and belief formed after reasonable inquiry, the statements and information in the report are true, accurate, and complete.

## **2. Scheduled Maintenance/Malfunction Reporting**

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. The malfunction, i.e., upset, of any emissions units or any associated air pollution control system(s) shall be reported to the appropriate Ohio EPA District Office or local air agency in accordance with paragraph (B) of OAC rule 3745-15-06. (The definition of an upset condition shall be the same as that used in OAC rule 3745-15-06(B)(1) for a malfunction.) The verbal and written reports submitted pursuant to OAC rule 3745-15-06 shall satisfy the requirements of OAC rule 3745-77-07(A)(3)(c)(iii) pertaining to the prompt reporting of deviations caused by malfunctions or upsets.

Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of the emission unit(s) that is (are) served by such control system(s).

## **3. Risk Management Plans**

If the permittee is required to develop and register a risk management plan pursuant to section 112(r) of the Clean Air Act, as amended, 42 U.S.C. 7401 et seq. ("Act"), the permittee shall comply with the requirement to register such a plan.

## **4. Title IV Provisions**

If the permittee is subject to the requirements of 40 CFR Part 72 concerning acid rain, the permittee shall ensure that any affected emissions unit complies with those requirements. Emissions exceeding any allowances that are lawfully held under Title IV of the Act, or any regulations adopted thereunder, are prohibited.

## **5. Severability Clause**

A determination that any term or condition of this permit is invalid shall not invalidate the force or effect of any other term or condition thereof, except to the extent that any other term or condition depends in whole or in part for its operation or implementation upon the term or condition declared invalid.

## **6. General Requirements**

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

- b. It shall not be a defense for the permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the federally enforceable terms and conditions of this permit.
- c. This permit may be modified, reopened, revoked, or revoked and reissued, for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or revocation, or of a notification of planned changes or anticipated noncompliance does not stay any term and condition of this permit.
- d. This permit does not convey any property rights of any sort, or any exclusive privilege.
- e. The permittee shall furnish to the Director of the Ohio EPA, or an authorized representative of the Director, upon receipt of a written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying, reopening or revoking this permit or to determine compliance with this permit. Upon request, the permittee shall also furnish to the Director or an authorized representative of the Director, copies of records required to be kept by this permit. For information claimed to be confidential in the submittal to the Director, if the Administrator of the U.S. EPA requests such information, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality.

**7. Fees**

The permittee shall pay fees to the Director of the Ohio EPA in accordance with ORC section 3745.11 and OAC Chapter 3745-78.

**8. Marketable Permit Programs**

No revision of this permit is required under any approved economic incentive, marketable permits, emissions trading, and other similar programs or processes for changes that are provided for in this permit.

**9. Reasonably Anticipated Operating Scenarios**

The permittee is hereby authorized to make changes among operating scenarios authorized in this permit without notice to the Ohio EPA, but, contemporaneous with making a change from one operating scenario to another, the permittee must record in a log at the permitted facility the scenario under which the permittee is operating. The permit shield provided in these general terms and conditions shall apply to all operating scenarios authorized in this permit.

**10. Reopening for Cause**

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

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

- b. This permit is issued to an affected source under the acid rain program and additional requirements (including excess emissions requirements) become applicable. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into the permit, and shall not require a reopening of this permit.
- c. The Director of the Ohio EPA or the Administrator of the U.S. EPA determines that the federally applicable requirements in this permit are based on a material mistake, or that inaccurate statements were made in establishing the emissions standards or other terms and conditions of this permit related to such federally applicable requirements.
- d. The Administrator of the U.S. EPA or the Director of the Ohio EPA determines that this permit must be revised or revoked to assure compliance with the applicable requirements.

## **11. Federal and State Enforceability**

Only those terms and conditions designated in this permit as federally enforceable, that are required under the Act, or any of its applicable requirements, including relevant provisions designed to limit the potential to emit of a source, are enforceable by the Administrator of the U.S. EPA, the State, and citizens under the Act. All other terms and conditions of this permit shall not be federally enforceable and shall be enforceable under State law only.

## **12. Compliance Requirements**

- a. Any document (including reports) required to be submitted and required by a federally applicable requirement in this Title V permit shall include a certification by a responsible official that, based on information and belief formed after reasonable inquiry, the statements in the document are true, accurate, and complete.
- b. Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the Director of the Ohio EPA or an authorized representative of the Director to:
  - i. At reasonable times, enter upon the permittee's premises where a source is located or the emissions-related activity is conducted, or where records must be kept under the conditions of this permit.
  - ii. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit, subject to the protection from disclosure to the public of confidential information consistent with paragraph (E) of OAC rule 3745-77-03.
  - iii. Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit.
  - iv. As authorized by the Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit and applicable requirements.
- c. The permittee shall submit progress reports to the appropriate Ohio EPA District Office or local air agency concerning any schedule of compliance for meeting an applicable requirement. Progress reports shall be submitted semiannually, or more frequently if specified in the applicable requirement or by the Director of the Ohio EPA. Progress reports shall contain the following:

- i. Dates for achieving the activities, milestones, or compliance required in any schedule of compliance, and dates when such activities, milestones, or compliance were achieved.
    - ii. An explanation of why any dates in any schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.
  - d. Compliance certifications concerning the terms and conditions contained in this permit that are federally enforceable emission limitations, standards, or work practices, shall be submitted to the appropriate Ohio EPA District Office or local air agency in the following manner and with the following content:
    - i. Compliance certifications shall be submitted annually on a calendar year basis. The annual certification shall be submitted on or before April 30th of each year during the permit term.
    - ii. Compliance certifications shall include the following:
      - (a) An identification of each term or condition of this permit that is the basis of the certification.
      - (b) The permittee's current compliance status.
      - (c) Whether compliance was continuous or intermittent.
      - (d) The method(s) used for determining the compliance status of the source currently and over the required reporting period.
      - (e) Such other facts as the Director of the Ohio EPA may require in the permit to determine the compliance status of the source.
    - iii. Compliance certifications shall contain such additional requirements as may be specified pursuant to sections 114(a)(3) and 504(b) of the Act.

### **13. Permit Shield**

- a. Compliance with the terms and conditions of this permit (including terms and conditions established for alternate operating scenarios, emissions trading, and emissions averaging, but excluding terms and conditions for which the permit shield is expressly prohibited under OAC rule 3745-77-07) shall be deemed compliance with the applicable requirements identified and addressed in this permit as of the date of permit issuance.
- b. This permit shield provision shall apply to any requirement identified in this permit pursuant to OAC rule 3745-77-07(F)(2), as a requirement that does not apply to the source or to one or more emissions units within the source.

### **14. Operational Flexibility**

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

EPA or local air agency as soon as possible after learning of the need to make the change. The notification shall contain the items required under OAC rule 3745-77-07(H)(2)(d).

## **15. Emergencies**

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

## **16. Off Permit Changes**

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

- a. The change does not result in conditions that violate any applicable requirements or that violate any existing federally enforceable permit term or condition;
- b. The permittee provides contemporaneous written notice of the change to the director and the administrator, except that no such notice shall be required for changes that qualify as insignificant emission levels or activities as defined in OAC rule 3745-77-01(U). Such written notice shall describe each such change, the date of such change, any change in emissions or pollutants emitted, and any federally applicable requirement that would apply as a result of the change;
- c. The change shall not qualify for the permit shield under OAC rule 3745-77-07(F);
- d. The permittee shall keep a record describing all changes made at the source that result in emissions of a regulated air pollutant subject to an applicable requirement, but not otherwise regulated under the permit, and the emissions resulting from those changes; and
- e. The change is not subject to any applicable requirement under Title IV of the Act or is not a modification under any provision of Title I of the Act.

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

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

## **17. Compliance Method Requirements**

No term or condition specifying a method for demonstrating compliance with any emission limitation or other requirement of this permit shall preclude the use by any person of any credible evidence to establish compliance with or a violation of this permit, the Clean Air Act, or any implementing regulations or rules promulgated thereunder.



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

### **1. Permit to Install Requirement**

Prior to the “installation” or “modification” of any “air contaminant source,” as those terms are defined in OAC rule 3745-31-01, a permit to install must be obtained from the Ohio EPA pursuant to OAC Chapter 3745-31.

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

The permittee shall submit required reports in the following manner:

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

### **3. Records Retention Requirements**

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

### **4. Inspections and Information Requests**

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

**5. Scheduled Maintenance/Malfunction Reporting**

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

**6. Permit Transfers**

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

**7. Air Pollution Nuisance**

The air contaminants emitted by the emissions units covered by this permit shall not cause a public nuisance, in violation of OAC rule 3745-15-07.

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

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

## Part II - Specific Facility Terms and Conditions

### A. State and Federally Enforcable Section

None

### B. State Only Enforceable Section

1. The following insignificant emissions units are located at this facility: B001-plant 1 heater, P010- trough filling, Z005- edgecoat application, Z006- speed putty application, P001- resin mix area and Z001- Encor Line. 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:** Saw #1 (P002)  
**Activity Description:** Plant 2 Sawing Operations - Saw #1

#### A. State and Federally Enforceable Section

##### I. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Plant 2 Sawing Operations - Saw #1	OAC rule 3745-17-07(A)(1)  OAC rule 3745-17-11(B)(3)	20% opacity, as a six-minute average, except as provided by rule  See A.I.2.a.

##### 2. Additional Terms and Conditions

- 2.a All the particulate emissions from P002, P003 and P004 are vented to the same cyclone. The particulate emissions from the cyclone shall not exceed 6.5 lbs of particulate emissions/hr for P002, P003 and P004 combined. The 6.5 lbs/hr emission limitation was developed from Figure II of OAC rule 3745-17-11. A stack test was conducted to determine the uncontrolled mass rate of emissions (UMRE) for use in Figure II.

##### II. Operational Restrictions

None

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

1. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
  - a. the color of the emissions;
  - b. whether the emissions are representative of normal operations;
  - c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
  - d. the total duration of any visible emission incident; and
  - e. any corrective actions taken to eliminate the visible emissions.

##### IV. Reporting Requirements

1. The permittee shall submit semiannual written reports which (a) identify all days during which any visible particulate emissions were observed from the stack serving this emissions unit and (b) describe any corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) by January 31 and July 31 of each year and shall cover the previous 6-month period.

## V. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):
2. Emission Limitation: 20% opacity, as a six-minute average, except as provided by rule

Applicable Compliance Method: Compliance shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(1) using the methods and procedures specified in USEPA Reference Method 9.

3. Emission testing requirements

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

- a. The emission testing shall be conducted within 3 months after issuance of the permit and within six months prior to permit expiration.
- b. The emission testing shall be conducted to demonstrate compliance with the allowable mass emission rate for particulate emissions from the combined emissions units P002, P003 and P004. A particulate emissions test also shall be conducted at the inlet of the control device to determine the uncontrolled mass rate of emission for the emissions unit, for purposes of applying Figure II of OAC rule 3745-17-11.
- c. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s): for particulates, Methods 1-5 of 40 CFR Part 60, Appendix A. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.
- d. The test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the Ohio EPA Central District Office.

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

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

A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the Ohio EPA Central District Office within 30 days following completion of the test(s).

## VI. Miscellaneous Requirements

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Plant 2 Sawing Operations - Saw #1	OAC rule 3745-31-05 PTI # 01-7316	.05 gr/dscf See B.I.2.a.

**2. Additional Terms and Conditions**

- 2.a All the particulate emissions from P002, P003 and P004 are vented to the same cyclone. Per the BAT determination, the particulate emissions from the cyclone shall not exceed .05 gr/dscf for P002, P003 and P004 combined.

**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:** Saw #2 (P003)  
**Activity Description:** Plant 2 Sawing Operations - Saw #2

#### A. State and Federally Enforceable Section

##### I. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Plant 2 Sawing Operations - Saw #2	OAC rule 3745-17-07(A)(1)  OAC rule 3745-17-11(B)(3)	20% opacity, as a six-minute average, except as provided by rule  See A.I.2.a.

##### 2. Additional Terms and Conditions

- 2.a All the particulate emissions from P002, P003 and P004 are vented to the same cyclone. The particulate emissions from the cyclone shall not exceed 6.5 lbs of particulate emissions/hr for P002, P003 and P004 combined. The 6.5 lbs/hr emission limitation was developed from Figure II of OAC rule 3745-17-11. A stack test was conducted to determine the uncontrolled mass rate of emissions (UMRE) for use in Figure II.

##### II. Operational Restrictions

None

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

1. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
  - a. the color of the emissions;
  - b. whether the emissions are representative of normal operations;
  - c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
  - d. the total duration of any visible emission incident; and
  - e. any corrective actions taken to eliminate the visible emissions.

##### IV. Reporting Requirements

1. The permittee shall submit semiannual written reports which (a) identify all days during which any visible particulate emissions were observed from the stack serving this emissions unit and (b) describe any corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) by January 31 and July 31 of each year and shall cover the previous 6-month period.

## V. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):
2. Emission Limitation: 20% opacity, as a six-minute average, except as provided by rule

Applicable Compliance Method: Compliance shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(1) using the methods and procedures specified in USEPA Reference Method 9.

3. Emission testing requirements

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

- a. The emission testing shall be conducted within 3 months after issuance of the permit and within six months prior to permit expiration.
- b. The emission testing shall be conducted to demonstrate compliance with the allowable mass emission rate for particulate emissions from the combined emissions units P002, P003 and P004. A particulate emissions test also shall be conducted at the inlet of the control device to determine the uncontrolled mass rate of emission for the emissions unit, for purposes of applying Figure II of OAC rule 3745-17-11.
- c. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s): for particulates, Methods 1-5 of 40 CFR Part 60, Appendix A. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.
- d. The test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the Ohio EPA Central District Office.

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

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

A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the Ohio EPA Central District Office within 30 days following completion of the test(s).

## VI. Miscellaneous Requirements

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Plant 2 Sawing Operations - Saw #2	OAC rule 3745-31-05 PTI # 01-7316	.05 gr/dscf See B.I.2.a.

**2. Additional Terms and Conditions**

- 2.a All the particulate emissions from P002, P003 and P004 are vented to the same cyclone. Per the BAT determination, the particulate emissions from the cyclone shall not exceed .05 gr/dscf for P002, P003 and P004 combined.

**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:** Rodgers Saw (P004)  
**Activity Description:** Plant 2 Sawing Operations - Rodgers Saw

**A. State and Federally Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Plant 2 Sawing Operations - Rogers Saw	OAC rule 3745-17-07(A)(1)  OAC rule 3745-17-11(B)(3)	20% opacity, as a six-minute average, except as provided by rule  See A.I.2.a.

**2. Additional Terms and Conditions**

- 2.a All the particulate emissions from P002, P003 and P004 are vented to the same cyclone. The particulate emissions from the cyclone shall not exceed 6.5 lbs of particulate emissions/hr for P002, P003 and P004 combined. The 6.5 lbs/hr emission limitation was developed from Figure II of OAC rule 3745-17-11. A stack test was conducted to determine the uncontrolled mass rate of emissions (UMRE) for use in Figure II.

**II. Operational Restrictions**

None

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

1. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
  - a. the color of the emissions;
  - b. whether the emissions are representative of normal operations;
  - c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
  - d. the total duration of any visible emission incident; and
  - e. any corrective actions taken to eliminate the visible emissions.

**IV. Reporting Requirements**

1. The permittee shall submit semiannual written reports which (a) identify all days during which any visible particulate emissions were observed from the stack serving this emissions unit and (b) describe any corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) by January 31 and July 31 of each year and shall cover the previous 6-month period.

## V. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):
2. Emission Limitation: 20% opacity, as a six-minute average, except as provided by rule

Applicable Compliance Method: Compliance shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(1) using the methods and procedures specified in USEPA Reference Method 9.

3. Emission testing requirements

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

- a. The emission testing shall be conducted within 3 months after issuance of the permit and within six months prior to permit expiration.
- b. The emission testing shall be conducted to demonstrate compliance with the allowable mass emission rate for particulate emissions from the combined emissions units P002, P003 and P004. A particulate emissions test also shall be conducted at the inlet of the control device to determine the uncontrolled mass rate of emission for the emissions unit, for purposes of applying Figure II of OAC rule 3745-17-11.
- c. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s): for particulates, Methods 1-5 of 40 CFR Part 60, Appendix A. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.
- d. The test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the Ohio EPA Central District Office.

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

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

A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the Ohio EPA Central District Office within 30 days following completion of the test(s).

## VI. Miscellaneous Requirements

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Plant 2 Sawing Operations - Rogers Saw	OAC rule 3745-31-05 PTI # 01-7316	.05 gr/dscf See B.I.2.a.

**2. Additional Terms and Conditions**

- 2.a All the particulate emissions from P002, P003 and P004 are vented to the same cyclone. Per the BAT determination, the particulate emissions from the cyclone shall not exceed .05 gr/dscf for P002, P003 and P004 combined.

**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:** Trough Drying (P009)  
**Activity Description:** Trough Drying Cabinet

#### A. State and Federally Enforceable Section

##### I. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Trough Drying Cabinet	OAC rule 3745-21-07(G)(2)	8 lbs OC/hr and 40 lbs OC/day

##### 2. Additional Terms and Conditions

None

##### II. Operational Restrictions

None

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

1. The permittee shall collect and record the following information for each day for the trough drying operation:
  - a. The company identification for each resin and photochemically reactive cleanup material employed.
  - b. The organic compound emission rate from the 8-foot troughs charged to the drying booth, in pounds, i.e., the number of 8-foot troughs times the emission factor (in lbs OC/trough) from the most recent emissions test showing compliance. (The last emissions test was conducted on April 29 and 30, 1993. The emission factor for the 8-foot trough was .298 lb OC/trough.)
  - c. The organic compound emission rate from the 10-foot troughs charged to the drying booth, in pounds, i.e., the number of 10-foot troughs times the emission factor (in lbs OC/trough) from the most recent emissions test showing compliance. (The last emissions test was conducted on April 29 and 30, 1993. The emission factor for the 10-foot trough was .455 lb OC/trough.)
  - d. The organic compound emission rate from the photochemically reactive cleanup materials employed, in pounds, i.e., for all photochemically reactive cleanup materials employed, the sum of the products of the number of gallons times the organic compound content.
  - e. The total organic compound emission rate from the troughs and photochemically reactive cleanup materials, in pounds, i.e., the sum of (b), (c) and (d) above.
  - f. The total number of hours the emissions unit was in operation. ("operation" shall mean the period of time when the first trough is placed in the trough drying cabinet until one hour after the last trough is placed in the trough drying cabinet.)
  - g. The average hourly organic compound emission rate for all coatings and photochemically reactive cleanup materials, i.e., (e)/(f), in pounds per hour (average).

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

### IV. Reporting Requirements

1. In accordance with paragraph A.1.c of the General Terms and Conditions, the permittee shall submit deviation (excursion) reports which include the following information:
  - a. An identification of each day during which the average hourly organic compound emissions from the coatings and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day.
  - b. An identification of each day during which the organic compound emissions from the coatings and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

### V. Testing Requirements

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

Emission Limitations: 8 lbs OC/hr and 40 lbs OC/day

Applicable Compliance Method: Compliance shall be based on the recordkeeping requirements as specified in section A.III.1.

### VI. Miscellaneous Requirements

None

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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**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:** Gelcoat (R001)  
**Activity Description:** Gelcoat Application

**A. State and Federally Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Gel Coating Operations	OAC rule 3745-21-07(G)(2) OAC rule 3745-21-07(G)(6)	Either 8 lbs OC/hr and 40 lbs OC/day or 85% overall reduction, by weight, in the OC emissions; and a minimum destruction efficiency of 90% for the catalytic incinerator.

**2. Additional Terms and Conditions**

**None**

**II. Operational Restrictions**

1. This emissions unit shall not operate more than 4 cycles per hour and shall not employ more than 240 pounds of gelcoat per hour. A cycle shall include all process steps from the lowering of the hood until the raising of the hood.
2. The temperature of the exhaust gases at the inlet to the catalyst bed of the incinerator, when the emissions unit is in operation, shall not be less than 800 degrees Fahrenheit.
3. Only acetone and/or the dibasic ester consisting of 66% dimethyl glutarate, 17% dimethyl adipate and 16.5% dimethyl succinate shall be used as cleanup materials in this emissions unit.
4. The monomeric styrene content of the gelcoat utilized in this process shall not exceed 42%, by weight, as employed.

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

1. The permittee shall operate and maintain a continuous temperature monitor and recorder which measures and records the temperature immediately upstream of the incinerator's catalyst bed when the emissions unit is in operation. Units shall be in degrees Fahrenheit. Accuracy for each thermocouple, monitor, and recorder shall be within +/- 1 percent of the temperature being measured or +/- 5 degrees Fahrenheit, whichever is greater. The temperature monitor and recorder shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, with any modifications deemed necessary by the permittee.

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

- a. The temperature of the exhaust gases immediately before the catalyst bed of the incinerator, while the emissions unit is in operation.
  - b. A log of the downtime for the capture (collection) system, control device, and monitoring equipment, when the associated emissions unit was in operation.
2. The permittee shall collect and record the following information:
    - a. Number of cycles per hour.
    - b. Number of pounds of gelcoat employed each hour.
    - c. The total number of pounds of cleanup (acetone and/or dibasic ester) employed, in pounds per day.\*
    - d. The organic compound emission rate for cleanup (acetone and/or dibasic ester), in pounds per day. (For this emissions unit, the uncontrolled emission rate represents the amount of material employed minus the amount that was recycled.)\*
    - e. The styrene content of each resin employed, in percent by weight.

\* This term will not be used as a basis for any enforcement action. It has been included for informational purposes to identify the types of records that must be kept by the permittee to document and calculate the annual emissions for the emissions unit.

3. The permittee shall collect and record the following information for each month:\*
  - a. The name and identification number of each gelcoat, as employed.
  - b. The number of pounds of each gelcoat employed.
  - c. The total uncontrolled OC emissions from all gelcoats employed during the month, in lbs or tons per month.

This is calculated by taking the amount of gelcoat employed in lbs or tons and multiplying by (1 minus the (capture efficiency/100)) for the control equipment, as determined from the most recent emissions test showing compliance. (The capture efficiency from last emissions test conducted on February 24 and 25, 1994 was 94.4%.)

- d. The calculated, controlled OC emission rate for all gelcoats employed, in lbs or tons per month.

This is calculated by taking the amount of gelcoat employed in lbs or tons and multiplying by (1 minus the (overall control efficiency/100)) for the control equipment, as determined from the most recent emissions test showing compliance. (The overall control efficiency from last emissions test conducted on February 24 and 25, 1994 was 91.5%.)

\* This term will not be used as a basis for any enforcement action. It has been included for informational purposes to identify the types of records that must be kept by the permittee to document and calculate the annual emissions for the emissions unit.

#### IV. Reporting Requirements

1. The permittee shall submit to the Director quarterly summaries of the following records:
  - a. A log of the downtime for the capture (collection) system, control device, and monitoring equipment, when the associated emissions unit was in operation.
  - b. All periods of time during which the emissions unit was in operation and the temperature of the exhaust gases immediately before the catalyst bed was less than 800 degrees Fahrenheit.
  - c. All hours during which more than 240 pounds of gelcoat were employed per hour.
  - d. All hours during which this emission unit was operated for more than 4 cycles per hour.

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

2. Any increase above 42%, by weight, of the styrene content of the resin employed in this emissions unit shall be reported to the Ohio EPA and approved in advance, in writing, by the Ohio EPA.

#### V. Testing Requirements

1. The permittee shall conduct or have conducted, emission testing for this emissions unit in accordance with the following requirements:
  - a. The emission testing shall be conducted within 3 months after issuance of the permit and within 6 months prior to the permit renewal.
  - b. The emission testing shall be conducted to demonstrate compliance with the overall control efficiency limitation for OCs and the control (destruction) efficiency for organic compounds.
  - c. The test(s) shall be conducted while the emissions unit is operating as close as possible to its maximum capacity, unless otherwise specified or approved by the appropriate Ohio EPA District Office or local air agency.
  - d. The capture efficiency shall be determined using methods 204 through 204F, as specified in 40 CFR Part 51, Appendix M, or the permittee may request to use an alternative method or procedure for the determination of capture efficiency in accordance with the USEPA's "Guidelines for Determining Capture Efficiency," dated January 9, 1995. (The Ohio EPA will consider the request, including an evaluation of the applicability, necessity, and validity of the alternative, and may approve the use of the alternative if such approval does not contravene any other applicable requirement.) The control efficiency (i.e., the percent reduction in mass emissions between the inlet and outlet of the control system) shall be determined in accordance with the test methods and procedures specified in OAC rule 3745-21-10. The test methods and procedures selected shall be based on a consideration of the diversity of the organic species present and their total concentration, and on a consideration of the potential presence of interfering gases.

Emission Limitations: 8 lbs OC/hr and 40 lbs OC/day

Applicable Compliance Method: Compliance shall be based on the recordkeeping requirements as specified in section A.III.2.

## **V. Testing Requirements (continued)**

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

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

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

## **VI. Miscellaneous Requirements**

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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**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:** Scuff Adhesive Application (R002)  
**Activity Description:** Epoxy Adhesive Application

#### A. State and Federally Enforceable Section

##### I. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Epoxy Adhesive Application	OAC rule 3745-21-07(G)	See A.II.1 below

##### 2. Additional Terms and Conditions

None

##### II. Operational Restrictions

1. The use of photochemically reactive materials, as defined in OAC rule 3745-21-01(C)(5), in this emissions unit is prohibited.

Prior to employing any photochemically reactive materials, the permittee shall provide written notification to, and obtain approval from, the Ohio EPA field office. Such notification shall include information sufficient to determine that the emissions associated with the proposed change in materials will comply with the emission limits and/or control requirements as defined in OAC 3745-21-07(G)(2). This notification, at a minimum, shall include the company identification of the new material to be employed, the solvent composition of the material, and the maximum amount to be used, in pounds per hour.

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

1. The permittee shall collect and record the following information each month:
  - a. the company identification of each coating and cleanup material employed in this emissions unit, and
  - b. whether or not each coating and cleanup material employed is a photochemically reactive material.

##### IV. Reporting Requirements

1. The permittee shall submit deviation reports which identify the days during which photochemically reactive materials were employed in this emissions unit. Each report shall identify the cause for the use of the photochemically reactive material(s), and the estimated total quantity of material(s) emitted during each such day, in pounds. Each report shall be submitted to the Director (appropriate DO or LAA) within 30 days of the deviation.

##### V. Testing Requirements

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

Facility Name: **CRANE COR TEC**  
Facility ID: **01-24-01-0112**  
Emissions Unit: **Scuff Adhesive Application (R002)**

**VI. Miscellaneous Requirements**

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Epoxy Adhesive Application	OAC rule 3745-31-05 PTI #01-2850	0.11 lb OC/hr 2 lbs OC/gallon

**2. Additional Terms and Conditions**

None

**II. Operational Restrictions**

None

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

1. The permittee shall collect and record the following information for each day for the coating operation:
  - a. The company identification for each coating and cleanup material employed.
  - b. The number of gallons of each coating and cleanup material employed.
  - c. The organic compound content of each coating and cleanup material, in pounds per gallon.
  - d. The total organic compound emission rate for all coatings and cleanup materials, in pounds per day.
  - e. The total number of hours the emissions unit was in operation.
  - f. The average hourly organic compound emission rate for all coatings and cleanup materials, i.e., (d)/(e), in pounds per hour (average).

[Note: The coating information must be for the coatings as employed, including any thinning solvents added at the emissions unit.]

**IV. Reporting Requirements**

1. In accordance with paragraph B.2 of the General Terms and Conditions, the permittee shall submit quarterly deviation (excursion) reports which identify:
  - a. each day during which the average hourly total organic compound emissions exceeded 0.11 pound per hour, and the actual average hourly organic compound emissions for each such day; and
  - b. each day the coating organic compound content is exceeded.

**V. Testing Requirements**

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

**V. Testing Requirements (continued)**

**1.a** Emission limitations: 0.11 lb OC/hr

Applicable Compliance Method: Compliance shall be based on the recordkeeping as specified in section (B)(III).

**2.** Emission limitations: 2 lbs OC/gallon

Applicable Compliance Method: Compliance shall be based on the recordkeeping as specified in section (B)(III). Formulation data or USEPA Method 24 shall be used to determine the organic compound contents of the coatings and cleanup materials.

**VI. Miscellaneous Requirements**

**None**

**Part III - Terms and Conditions for Emissions Units**

**Emissions Unit ID:** Lamination Table #1 (R003)  
**Activity Description:** Resin Application and Vacuum Curing

**A. State and Federally Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Lamination Table #1	OAC rule 3745-21-07(G)(2)	8.0 lbs OC/hr and 40 lbs OC/day during the time periods when the ovens are not in use.
	OAC rule 3745-21-07(G)(1)	3 lbs OC/hr and 15 lbs OC/day during the time periods when the oven is in use.

**2. Additional Terms and Conditions**

- 2.a The monomeric styrene content of the resin utilized in this process shall not exceed 33%, by weight, as employed.

**II. Operational Restrictions**

1. Only acetone shall be used as a cleanup material in this emissions unit.

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

1. The permittee shall collect and record the following information each day for the panel lamination assembling operation:
  - a. The name and identification number of each resin employed.
  - b. Documentation on whether or not the resin is a photochemically reactive material.\*
  - c. The number of pounds of resin employed each hour.
  - d. The total number of pounds of resin employed during the day.
  - e. The total number of pounds of acetone employed during the day.\*\*
  - f. The organic compound emission rate for acetone, in pounds per day. (For this emissions unit, the uncontrolled emission rate represents the amount of material employed minus the amount that was recycled.)\*\*
  - g. The organic compound emission rate for the resin, in pounds per hour, for each hour of operation, i.e., lbs of resin/hr x the emission factor from the most recent emissions test showing compliance. The emission factor from the last emissions test conducted on March 8, 1994 was .00268 lb OC/lb resin.
  - h. The organic compound emission rate for the resin, in pounds per day, i.e., lbs of resin/day x the emission factor developed from the most recent emissions test showing compliance. The emission factor from the last emissions test conducted on March 8, 1994 was .00268 lb OC/lb resin.

\* The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).

\*\* This term will not be used as a basis for any enforcement action. It has been included for informational purposes to identify the types of records that must be kept by the permittee to document and calculate the annual emissions for the emissions unit.
2. The permittee shall collect and record the following information each day for the use of the oven:
  - a. The total number of hours this emissions unit was in operation and subject to OAC rule 3745-21-07(G)(1). ("Operation" shall mean the sum of all time periods beginning with the placement of the oven over the table and ending when the oven is removed from the table.)
  - b. The organic compound emission rate during oven operation, in pounds per day, i.e., (a) x the hourly emission rate developed from the most recent emissions test showing compliance. The hourly emission rate from the last emissions test conducted on May 16, 1991 was .64 lb/hr.
  - c. The monomeric styrene content of each resin employed, in percent by weight.

### IV. Reporting Requirements

1. In accordance with paragraph B.2 of the General Terms and Conditions, the permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each hour during which the hourly organic compound emission rate from the panel lamination process exceeded 8 pounds per hour, and the actual hourly organic compound emission rate for each such hour;
  - b. an identification of each day during which the organic compound emission rate from the panel lamination process exceeded 40 pounds per day, and the actual organic compound emission rate for each such day;
  - c. an identification of each day during which the organic compound emission rate for the oven exceeded 15 pounds per day, and the actual organic compound emission rate for the oven for each such day; and,
  - d. any increase above 33%, by weight, of the styrene content of the resin employed in this emissions unit.

## V. Testing Requirements

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

Emission Limitations: 8 lbs OC/hr and 40 lbs OC/day, lamination assembling operation

Applicable Compliance Method: Compliance shall be based on the recordkeeping requirements as specified in section A.III.1 and periodic gravimetric testing.

Emission Limitations: 3 lbs OC/hr and 15 lbs OC/day, oven operation

Applicable Compliance Method: Compliance shall be based on the recordkeeping requirements as specified in section A.III.2 and periodic emission testing.

2. Provided the manufacturing process remains identical for all six lamination tables R003-R008, the permittee shall conduct or have conducted, emission testing on one of these emissions units in accordance with the following requirements:

- a. The emission testing shall be conducted within 3 months after issuance of the permit and within 6 months prior to the permit renewal.

- b. The emission testing shall be conducted to demonstrate compliance with the mass limitations for organic compounds specified in this permit.

- c. The test method(s) which must be employed to demonstrate compliance with the mass emission limitations for organic compounds are specified below.

Compliance with the 3 lbs OC/hr and 15 lbs OC/day emission limits specified in this permit shall be demonstrated with methods 1-4, 18, 25 or 25A, whichever is most appropriate.

Compliance with the 8 lbs OC/hr and 40 lbs OC/day emission limit shall be demonstrated through gravimetric testing. The gravimetric testing shall be consistent with the procedures and methods specified in the Intent to Test dated February 28, 1994.

- d. The test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the appropriate Ohio EPA District Office or local air agency.

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

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

A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the appropriate Ohio EPA District Office or local air agency within 30 days following completion of the test(s).

## VI. Miscellaneous Requirements

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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**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:** Lamination Table #2 (R004)  
**Activity Description:** Resin Application and Vacuum Curing

**A. State and Federally Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Lamination Table #2	OAC rule 3745-21-07(G)(2)	8.0 lbs OC/hr and 40 lbs OC/day during the time periods when the ovens are not in use.
	OAC rule 3745-21-07(G)(1)	3 lbs OC/hr and 15 lbs OC/day during the time periods when the oven is in use.

**2. Additional Terms and Conditions**

- 2.a The monomeric styrene content of the resin utilized in this process shall not exceed 33%, by weight, as employed.

**II. Operational Restrictions**

1. Only acetone shall be used as a cleanup material in this emissions unit.

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

1. The permittee shall collect and record the following information each day for the panel lamination assembling operation:
  - a. The name and identification number of each resin employed.
  - b. Documentation on whether or not the resin is a photochemically reactive material.\*
  - c. The number of pounds of resin employed each hour.
  - d. The total number of pounds of resin employed during the day.
  - e. The total number of pounds of acetone employed during the day.\*\*
  - f. The organic compound emission rate for acetone, in pounds per day. (For this emissions unit, the uncontrolled emission rate represents the amount of material employed minus the amount that was recycled.)\*\*
  - g. The organic compound emission rate for the resin, in pounds per hour, for each hour of operation, i.e., lbs of resin/hr x the emission factor from the most recent emissions test showing compliance. The emission factor from the last emissions test conducted on March 8, 1994 was .00268 lb OC/lb resin.
  - h. The organic compound emission rate for the resin, in pounds per day, i.e., lbs of resin/day x the emission factor developed from the most recent emissions test showing compliance. The emission factor from the last emissions test conducted on March 8, 1994 was .00268 lb OC/lb resin.

\* The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).

\*\* This term will not be used as a basis for any enforcement action. It has been included for informational purposes to identify the types of records that must be kept by the permittee to document and calculate the annual emissions for the emissions unit.

2. The permittee shall collect and record the following information each day for the use of the oven:
  - a. The total number of hours this emissions unit was in operation and subject to OAC rule 3745-21-07(G)(1). ("Operation" shall mean the sum of all time periods beginning with the placement of the oven over the table and ending when the oven is removed from the table.)
  - b. The organic compound emission rate during oven operation, in pounds per day, i.e., (a) x the hourly emission rate developed from the most recent emissions test showing compliance. The hourly emission rate from the last emissions test conducted on May 16, 1991 was .64 lb/hr.
  - c. The monomeric styrene content of each resin employed, in percent by weight.

### IV. Reporting Requirements

1. In accordance with paragraph B.2 of the General Terms and Conditions, the permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each hour during which the hourly organic compound emission rate from the panel lamination process exceeded 8 pounds per hour, and the actual hourly organic compound emission rate for each such hour;
  - b. an identification of each day during which the organic compound emission rate from the panel lamination process exceeded 40 pounds per day, and the actual organic compound emission rate for each such day;
  - c. an identification of each day during which the organic compound emission rate for the oven exceeded 15 pounds per day, and the actual organic compound emission rate for the oven for each such day; and,
  - d. any increase above 33%, by weight, of the styrene content of the resin employed in this emissions unit.

## V. Testing Requirements

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

Emission Limitations: 8 lbs OC/hr and 40 lbs OC/day, lamination assembling operation

Applicable Compliance Method: Compliance shall be based on the recordkeeping requirements as specified in section A.III.1 and periodic gravimetric testing.

Emission Limitations: 3 lbs OC/hr and 15 lbs OC/day, oven operation

Applicable Compliance Method: Compliance shall be based on the recordkeeping requirements as specified in section A.III.2 and periodic emission testing.

2. Provided the manufacturing process remains identical for all six lamination tables R003-R008, the permittee shall conduct or have conducted, emission testing on one of these emissions units in accordance with the following requirements:

- a. The emission testing shall be conducted within 3 months after issuance of the permit and within 6 months prior to the permit renewal.

- b. The emission testing shall be conducted to demonstrate compliance with the mass limitations for organic compounds specified in this permit.

- c. The test method(s) which must be employed to demonstrate compliance with the mass emission limitations for organic compounds are specified below.

Compliance with the 3 lbs OC/hr and 15 lbs OC/day emission limits specified in this permit shall be demonstrated with methods 1-4, 18, 25 or 25A, whichever is most appropriate.

Compliance with the 8 lbs OC/hr and 40 lbs OC/day emission limit shall be demonstrated through gravimetric testing. The gravimetric testing shall be consistent with the procedures and methods specified in the Intent to Test dated February 28, 1994.

- d. The test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the appropriate Ohio EPA District Office or local air agency.

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

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

A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the appropriate Ohio EPA District Office or local air agency within 30 days following completion of the test(s).

## VI. Miscellaneous Requirements

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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**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:** Lamination Table #3 (R005)  
**Activity Description:** Resin Application and Vacuum Curing

**A. State and Federally Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Lamination Table #3	OAC rule 3745-21-07(G)(2)	8.0 lbs OC/hr and 40 lbs OC/day during the time periods when the ovens are not in use.
	OAC rule 3745-21-07(G)(1)	3 lbs OC/hr and 15 lbs OC/day during the time periods when the oven is in use.

**2. Additional Terms and Conditions**

- 2.a The monomeric styrene content of the resin utilized in this process shall not exceed 33%, by weight, as employed.

**II. Operational Restrictions**

1. Only acetone shall be used as a cleanup material in this emissions unit.

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

1. The permittee shall collect and record the following information each day for the panel lamination assembling operation:
  - a. The name and identification number of each resin employed.
  - b. Documentation on whether or not the resin is a photochemically reactive material.\*
  - c. The number of pounds of resin employed each hour.
  - d. The total number of pounds of resin employed during the day.
  - e. The total number of pounds of acetone employed during the day.\*\*
  - f. The organic compound emission rate for acetone, in pounds per day. (For this emissions unit, the uncontrolled emission rate represents the amount of material employed minus the amount that was recycled.)\*\*
  - g. The organic compound emission rate for the resin, in pounds per hour, for each hour of operation, i.e., lbs of resin/hr x the emission factor from the most recent emissions test showing compliance. The emission factor from the last emissions test conducted on March 8, 1994 was .00268 lb OC/lb resin.
  - h. The organic compound emission rate for the resin, in pounds per day, i.e., lbs of resin/day x the emission factor developed from the most recent emissions test showing compliance. The emission factor from the last emissions test conducted on March 8, 1994 was .00268 lb OC/lb resin.

\* The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).

\*\* This term will not be used as a basis for any enforcement action. It has been included for informational purposes to identify the types of records that must be kept by the permittee to document and calculate the annual emissions for the emissions unit.
2. The permittee shall collect and record the following information each day for the use of the oven:
  - a. The total number of hours this emissions unit was in operation and subject to OAC rule 3745-21-07(G)(1). ("Operation" shall mean the sum of all time periods beginning with the placement of the oven over the table and ending when the oven is removed from the table.)
  - b. The organic compound emission rate during oven operation, in pounds per day, i.e., (a) x the hourly emission rate developed from the most recent emissions test showing compliance. The hourly emission rate from the last emissions test conducted on May 16, 1991 was .64 lb/hr.
  - c. The monomeric styrene content of each resin employed, in percent by weight.

### IV. Reporting Requirements

1. In accordance with paragraph B.2 of the General Terms and Conditions, the permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each hour during which the hourly organic compound emission rate from the panel lamination process exceeded 8 pounds per hour, and the actual hourly organic compound emission rate for each such hour;
  - b. an identification of each day during which the organic compound emission rate from the panel lamination process exceeded 40 pounds per day, and the actual organic compound emission rate for each such day;
  - c. an identification of each day during which the organic compound emission rate for the oven exceeded 15 pounds per day, and the actual organic compound emission rate for the oven for each such day; and,
  - d. any increase above 33%, by weight, of the styrene content of the resin employed in this emissions unit.

## V. Testing Requirements

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

Emission Limitations: 8 lbs OC/hr and 40 lbs OC/day, lamination assembling operation

Applicable Compliance Method: Compliance shall be based on the recordkeeping requirements as specified in section A.III.1 and periodic gravimetric testing.

Emission Limitations: 3 lbs OC/hr and 15 lbs OC/day, oven operation

Applicable Compliance Method: Compliance shall be based on the recordkeeping requirements as specified in section A.III.2 and periodic emission testing.

2. Provided the manufacturing process remains identical for all six lamination tables R003-R008, the permittee shall conduct or have conducted, emission testing on one of these emissions units in accordance with the following requirements:

- a. The emission testing shall be conducted within 3 months after issuance of the permit and within 6 months prior to the permit renewal.

- b. The emission testing shall be conducted to demonstrate compliance with the mass limitations for organic compounds specified in this permit.

- c. The test method(s) which must be employed to demonstrate compliance with the mass emission limitations for organic compounds are specified below.

Compliance with the 3 lbs OC/hr and 15 lbs OC/day emission limits specified in this permit shall be demonstrated with methods 1-4, 18, 25 or 25A, whichever is most appropriate.

Compliance with the 8 lbs OC/hr and 40 lbs OC/day emission limit shall be demonstrated through gravimetric testing. The gravimetric testing shall be consistent with the procedures and methods specified in the Intent to Test dated February 28, 1994.

- d. The test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the appropriate Ohio EPA District Office or local air agency.

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

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

A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the appropriate Ohio EPA District Office or local air agency within 30 days following completion of the test(s).

## VI. Miscellaneous Requirements

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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**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:** Lamination Table #4 (R006)  
**Activity Description:** Resin Application and Vacuum Curing

**A. State and Federally Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Lamination Table #4	OAC rule 3745-21-07(G)(2)	8.0 lbs OC/hr and 40 lbs OC/day during the time periods when the ovens are not in use.
	OAC rule 3745-21-07(G)(1)	3 lbs OC/hr and 15 lbs OC/day during the time periods when the oven is in use.

**2. Additional Terms and Conditions**

- 2.a The monomeric styrene content of the resin utilized in this process shall not exceed 33%, by weight, as employed.

**II. Operational Restrictions**

1. Only acetone shall be used as a cleanup material in this emissions unit.

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

1. The permittee shall collect and record the following information each day for the panel lamination assembling operation:
  - a. The name and identification number of each resin employed.
  - b. Documentation on whether or not the resin is a photochemically reactive material.\*
  - c. The number of pounds of resin employed each hour.
  - d. The total number of pounds of resin employed during the day.
  - e. The total number of pounds of acetone employed during the day.\*\*
  - f. The organic compound emission rate for acetone, in pounds per day. (For this emissions unit, the uncontrolled emission rate represents the amount of material employed minus the amount that was recycled.)\*\*
  - g. The organic compound emission rate for the resin, in pounds per hour, for each hour of operation, i.e., lbs of resin/hr x the emission factor from the most recent emissions test showing compliance. The emission factor from the last emissions test conducted on March 8, 1994 was .00268 lb OC/lb resin.
  - h. The organic compound emission rate for the resin, in pounds per day, i.e., lbs of resin/day x the emission factor developed from the most recent emissions test showing compliance. The emission factor from the last emissions test conducted on March 8, 1994 was .00268 lb OC/lb resin.

\* The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).

\*\* This term will not be used as a basis for any enforcement action. It has been included for informational purposes to identify the types of records that must be kept by the permittee to document and calculate the annual emissions for the emissions unit.
2. The permittee shall collect and record the following information each day for the use of the oven:
  - a. The total number of hours this emissions unit was in operation and subject to OAC rule 3745-21-07(G)(1). ("Operation" shall mean the sum of all time periods beginning with the placement of the oven over the table and ending when the oven is removed from the table.)
  - b. The organic compound emission rate during oven operation, in pounds per day, i.e., (a) x the hourly emission rate developed from the most recent emissions test showing compliance. The hourly emission rate from the last emissions test conducted on May 16, 1991 was .64 lb/hr.
  - c. The monomeric styrene content of each resin employed, in percent by weight.

### IV. Reporting Requirements

1. In accordance with paragraph B.2 of the General Terms and Conditions, the permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each hour during which the hourly organic compound emission rate from the panel lamination process exceeded 8 pounds per hour, and the actual hourly organic compound emission rate for each such hour;
  - b. an identification of each day during which the organic compound emission rate from the panel lamination process exceeded 40 pounds per day, and the actual organic compound emission rate for each such day;
  - c. an identification of each day during which the organic compound emission rate for the oven exceeded 15 pounds per day, and the actual organic compound emission rate for the oven for each such day; and,
  - d. any increase above 33%, by weight, of the styrene content of the resin employed in this emissions unit.

## V. Testing Requirements

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

Emission Limitations: 8 lbs OC/hr and 40 lbs OC/day, lamination assembling operation

Applicable Compliance Method: Compliance shall be based on the recordkeeping requirements as specified in section A.III.1 and periodic gravimetric testing.

Emission Limitations: 3 lbs OC/hr and 15 lbs OC/day, oven operation

Applicable Compliance Method: Compliance shall be based on the recordkeeping requirements as specified in section A.III.2 and periodic emission testing.

2. Provided the manufacturing process remains identical for all six lamination tables R003-R008, the permittee shall conduct or have conducted, emission testing on one of these emissions units in accordance with the following requirements:

- a. The emission testing shall be conducted within 3 months after issuance of the permit and within 6 months prior to the permit renewal.

- b. The emission testing shall be conducted to demonstrate compliance with the mass limitations for organic compounds specified in this permit.

- c. The test method(s) which must be employed to demonstrate compliance with the mass emission limitations for organic compounds are specified below.

Compliance with the 3 lbs OC/hr and 15 lbs OC/day emission limits specified in this permit shall be demonstrated with methods 1-4, 18, 25 or 25A, whichever is most appropriate.

Compliance with the 8 lbs OC/hr and 40 lbs OC/day emission limit shall be demonstrated through gravimetric testing. The gravimetric testing shall be consistent with the procedures and methods specified in the Intent to Test dated February 28, 1994.

- d. The test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the appropriate Ohio EPA District Office or local air agency.

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

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

A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the appropriate Ohio EPA District Office or local air agency within 30 days following completion of the test(s).

## VI. Miscellaneous Requirements

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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**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:** Lamination Table #5 (R007)  
**Activity Description:** Resin Application and Vacuum Curing

**A. State and Federally Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Lamination Table #5	OAC rule 3745-21-07(G)(2)	8.0 lbs OC/hr and 40 lbs OC/day during the time periods when the ovens are not in use.
	OAC rule 3745-21-07(G)(1)	3 lbs OC/hr and 15 lbs OC/day during the time periods when the oven is in use.

**2. Additional Terms and Conditions**

- 2.a The monomeric styrene content of the resin utilized in this process shall not exceed 33%, by weight, as employed.

**II. Operational Restrictions**

1. Only acetone shall be used as a cleanup material in this emissions unit.

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

1. The permittee shall collect and record the following information each day for the panel lamination assembling operation:
  - a. The name and identification number of each resin employed.
  - b. Documentation on whether or not the resin is a photochemically reactive material.\*
  - c. The number of pounds of resin employed each hour.
  - d. The total number of pounds of resin employed during the day.
  - e. The total number of pounds of acetone employed during the day.\*\*
  - f. The organic compound emission rate for acetone, in pounds per day. (For this emissions unit, the uncontrolled emission rate represents the amount of material employed minus the amount that was recycled.)\*\*
  - g. The organic compound emission rate for the resin, in pounds per hour, for each hour of operation, i.e., lbs of resin/hr x the emission factor from the most recent emissions test showing compliance. The emission factor from the last emissions test conducted on March 8, 1994 was .00268 lb OC/lb resin.
  - h. The organic compound emission rate for the resin, in pounds per day, i.e., lbs of resin/day x the emission factor developed from the most recent emissions test showing compliance. The emission factor from the last emissions test conducted on March 8, 1994 was .00268 lb OC/lb resin.

\* The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).

\*\* This term will not be used as a basis for any enforcement action. It has been included for informational purposes to identify the types of records that must be kept by the permittee to document and calculate the annual emissions for the emissions unit.
2. The permittee shall collect and record the following information each day for the use of the oven:
  - a. The total number of hours this emissions unit was in operation and subject to OAC rule 3745-21-07(G)(1). ("Operation" shall mean the sum of all time periods beginning with the placement of the oven over the table and ending when the oven is removed from the table.)
  - b. The organic compound emission rate during oven operation, in pounds per day, i.e., (a) x the hourly emission rate developed from the most recent emissions test showing compliance. The hourly emission rate from the last emissions test conducted on May 16, 1991 was .64 lb/hr.
  - c. The monomeric styrene content of each resin employed, in percent by weight.

### IV. Reporting Requirements

1. In accordance with paragraph B.2 of the General Terms and Conditions, the permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each hour during which the hourly organic compound emission rate from the panel lamination process exceeded 8 pounds per hour, and the actual hourly organic compound emission rate for each such hour;
  - b. an identification of each day during which the organic compound emission rate from the panel lamination process exceeded 40 pounds per day, and the actual organic compound emission rate for each such day;
  - c. an identification of each day during which the organic compound emission rate for the oven exceeded 15 pounds per day, and the actual organic compound emission rate for the oven for each such day; and,
  - d. any increase above 33%, by weight, of the styrene content of the resin employed in this emissions unit.

## V. Testing Requirements

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

Emission Limitations: 8 lbs OC/hr and 40 lbs OC/day, lamination assembling operation

Applicable Compliance Method: Compliance shall be based on the recordkeeping requirements as specified in section A.III.1 and periodic gravimetric testing.

Emission Limitations: 3 lbs OC/hr and 15 lbs OC/day, oven operation

Applicable Compliance Method: Compliance shall be based on the recordkeeping requirements as specified in section A.III.2 and periodic emission testing.

2. Provided the manufacturing process remains identical for all six lamination tables R003-R008, the permittee shall conduct or have conducted, emission testing on one of these emissions units in accordance with the following requirements:

- a. The emission testing shall be conducted within 3 months after issuance of the permit and within 6 months prior to the permit renewal.

- b. The emission testing shall be conducted to demonstrate compliance with the mass limitations for organic compounds specified in this permit.

- c. The test method(s) which must be employed to demonstrate compliance with the mass emission limitations for organic compounds are specified below.

Compliance with the 3 lbs OC/hr and 15 lbs OC/day emission limits specified in this permit shall be demonstrated with methods 1-4, 18, 25 or 25A, whichever is most appropriate.

Compliance with the 8 lbs OC/hr and 40 lbs OC/day emission limit shall be demonstrated through gravimetric testing. The gravimetric testing shall be consistent with the procedures and methods specified in the Intent to Test dated February 28, 1994.

- d. The test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the appropriate Ohio EPA District Office or local air agency.

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

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

A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the appropriate Ohio EPA District Office or local air agency within 30 days following completion of the test(s).

## VI. Miscellaneous Requirements

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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**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:** Lamination Table #6 (R008)  
**Activity Description:** Resin Application and Vacuum Curing

**A. State and Federally Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Lamination Table #6	OAC rule 3745-21-07(G)(2)	8.0 lbs OC/hr and 40 lbs OC/day during the time periods when the ovens are not in use.
	OAC rule 3745-21-07(G)(1)	3 lbs OC/hr and 15 lbs OC/day during the time periods when the oven is in use.

**2. Additional Terms and Conditions**

- 2.a The monomeric styrene content of the resin utilized in this process shall not exceed 33%, by weight, as employed.

**II. Operational Restrictions**

1. Only acetone shall be used as a cleanup material in this emissions unit.

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

1. The permittee shall collect and record the following information each day for the panel lamination assembling operation:
  - a. The name and identification number of each resin employed.
  - b. Documentation on whether or not the resin is a photochemically reactive material.\*
  - c. The number of pounds of resin employed each hour.
  - d. The total number of pounds of resin employed during the day.
  - e. The total number of pounds of acetone employed during the day.\*\*
  - f. The organic compound emission rate for acetone, in pounds per day. (For this emissions unit, the uncontrolled emission rate represents the amount of material employed minus the amount that was recycled.)\*\*
  - g. The organic compound emission rate for the resin, in pounds per hour, for each hour of operation, i.e., lbs of resin/hr x the emission factor from the most recent emissions test showing compliance. The emission factor from the last emissions test conducted on March 8, 1994 was .00268 lb OC/lb resin.
  - h. The organic compound emission rate for the resin, in pounds per day, i.e., lbs of resin/day x the emission factor developed from the most recent emissions test showing compliance. The emission factor from the last emissions test conducted on March 8, 1994 was .00268 lb OC/lb resin.

\* The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).

\*\* This term will not be used as a basis for any enforcement action. It has been included for informational purposes to identify the types of records that must be kept by the permittee to document and calculate the annual emissions for the emissions unit.
2. The permittee shall collect and record the following information each day for the use of the oven:
  - a. The total number of hours this emissions unit was in operation and subject to OAC rule 3745-21-07(G)(1). ("Operation" shall mean the sum of all time periods beginning with the placement of the oven over the table and ending when the oven is removed from the table.)
  - b. The organic compound emission rate during oven operation, in pounds per day, i.e., (a) x the hourly emission rate developed from the most recent emissions test showing compliance. The hourly emission rate from the last emissions test conducted on May 16, 1991 was .64 lb/hr.
  - c. The monomeric styrene content of each resin employed, in percent by weight.

### IV. Reporting Requirements

1. In accordance with paragraph B.2 of the General Terms and Conditions, the permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each hour during which the hourly organic compound emission rate from the panel lamination process exceeded 8 pounds per hour, and the actual hourly organic compound emission rate for each such hour;
  - b. an identification of each day during which the organic compound emission rate from the panel lamination process exceeded 40 pounds per day, and the actual organic compound emission rate for each such day;
  - c. an identification of each day during which the organic compound emission rate for the oven exceeded 15 pounds per day, and the actual organic compound emission rate for the oven for each such day; and,
  - d. any increase above 33%, by weight, of the styrene content of the resin employed in this emissions unit.

## V. Testing Requirements

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

Emission Limitations: 8 lbs OC/hr and 40 lbs OC/day, lamination assembling operation

Applicable Compliance Method: Compliance shall be based on the recordkeeping requirements as specified in section A.III.1 and periodic gravimetric testing.

Emission Limitations: 3 lbs OC/hr and 15 lbs OC/day, oven operation

Applicable Compliance Method: Compliance shall be based on the recordkeeping requirements as specified in section A.III.2 and periodic emission testing.

2. Provided the manufacturing process remains identical for all six lamination tables R003-R008, the permittee shall conduct or have conducted, emission testing on one of these emissions units in accordance with the following requirements:

- a. The emission testing shall be conducted within 3 months after issuance of the permit and within 6 months prior to the permit renewal.

- b. The emission testing shall be conducted to demonstrate compliance with the mass limitations for organic compounds specified in this permit.

- c. The test method(s) which must be employed to demonstrate compliance with the mass emission limitations for organic compounds are specified below.

Compliance with the 3 lbs OC/hr and 15 lbs OC/day emission limits specified in this permit shall be demonstrated with methods 1-4, 18, 25 or 25A, whichever is most appropriate.

Compliance with the 8 lbs OC/hr and 40 lbs OC/day emission limit shall be demonstrated through gravimetric testing. The gravimetric testing shall be consistent with the procedures and methods specified in the Intent to Test dated February 28, 1994.

- d. The test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the appropriate Ohio EPA District Office or local air agency.

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

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

A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the appropriate Ohio EPA District Office or local air agency within 30 days following completion of the test(s).

## VI. Miscellaneous Requirements

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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**2. Additional Terms and Conditions**

None

**II. Operational Restrictions**

None

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

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

Facility Name: CRANE COR TEC  
Facility ID: 01-24-01-0112

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