State of Ohio Environmental Protection Agency

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

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

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

05/30/03

CERTIFIED MAIL

RE: Final Title V Chapter 3745-77 permit

06-60-00-0111
Longaberger Company
Candace G Robinson
1500 East Main Street
P.O. Box 3400
Newark, OH 43058-3400

Dear Candace G Robinson:

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

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

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

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

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

Very truly yours,

Michael W. Ahern

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

cc: Southeast District Office
File, DAPC PMU

State of Ohio Environmental Protection Agency

FINAL TITLE V PERMIT

Issue Date: **05/30/03**	Effective Date: **06/20/03**	Expiration Date: **06/20/08**

This document constitutes issuance of a Title V permit for Facility ID: 06-60-00-0111 to:
Longaberger Company
5563 Raiders Road
Frazeysburg, OH 43822

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

F002 (Plant Roadways and Parking Areas)
Plant roads and parking lots, paved and unpaved surfaces, NOR 05/94; paved surfaces = 3,455,275sq. ft., unpaved surfaces = 482,266 sq. ft.

F003 (Scrap Wood Chipper)
System used to chip wood waste from manufacturing operations, PTI 09/94

F004 (Woodworking Equipment to West Baghouse)
Miscellaneous woodworking equipment, exhaust air from baghouse collector returned to building

F005 (Woodworking Equipment to East Baghouse)
Miscellaneous woodworking equipment, exhaust air from baghouse collector returned to building

F006 (Woodworking Equipment to Center Baghouse)
Miscellaneous woodworking equipment, exhaust air from baghouse collector returned to building

F007 (Denibbing and Sanding in Flat Line Finish System)
Denibbing and sanding sections of flat line finish system, dedicated baghouse collector

F008 (Woodworking Equipment in Forms Shop)
Miscellaneous woodworking equipment, exhaust air from baghouse collector returned to building

F009 (Building B Woodworking Equipment)
Miscellaneous woodworking equipment, exhaust air from baghouse collector returned to building

F010 (Handles Building Miscellaneous Woodworking Equipment)
Miscellaneous woodworking equipment, exhaust air from baghouse collector returned to building

F011 (Handles Building Woodworking Equipment #2)
Miscellaneous woodworking equipment, exhaust air from baghouse collector returned to building

K001 (Flowcoater #1)
Conveyerized flowcoater and spin system used to apply water-based stain to wooden items

K002 (Flowcoater #2)
Conveyerized flowcoater and spin system used to apply water-based stain to wooden items

K003 (Flowcoater #3)
Conveyerized flowcoater and spin system used to apply water-based stain to wooden items

K005 (WoodCrafts Dip Stain Operation)
Dipping operation used to apply water-based stain to wooden items

K006 (Flowcoater #4)
Conveyerized flowcoater and spin system used to apply water-based stain to wooden items

K007 (Large Item WoodCrafts Dip Stain Operation)
Dipping operation used to apply water-based stain to wooden items

K008 (Colored Stain Machine #1)
Rotating-drum type machine used to apply colored stain (not brown) to weaving material

K009 (Colored Stain Machine #2)
Rotating-drum type machine used to apply colored stain (not brown) to weaving material

K010 (Colored Stain Machine #3)
Rotating-drum type machine used to apply colored stain (not brown) to weaving material

K011 (Flowcoater #5 - Staining Cell #1)
Conveyerized flowcoater and drying system used to apply and dry water-based stain on wooden items

K012 (Colored Stain Machine #4)
Rotating-drum type machine used to apply colored stain (not brown) to weaving material

K013 (Colored Stain Machine #5)
Rotating-drum type machine used to apply colored stain (not brown) to weaving material

K014 (Colored Stain Machine #6)
Rotating-drum type machine used to apply colored stain (not brown) to weaving material

R002 (WoodCrafts Spray Booth & Drying Area #1)
Conveyerized spray booth & drying operation used to apply water-based finish to wooden items

R004 (WoodCrafts Flat Line Finish System)
Flat line finish system with sanding, spraying and drying sections, employing water-based finishes

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

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

Southeast District Office
2195 Front Street
Logan, OH 43138
(740) 385-8501

OHIO ENVIRONMENTAL PROTECTION AGENCY

Christopher Jones
Director

PART I - GENERAL TERMS AND CONDITIONS

A. State and Federally Enforceable Section

1. Monitoring and Related Record Keeping and Reporting Requirements

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

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

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

c. The permittee shall submit required reports in the following manner:

i. Reports of any required monitoring and/or record keeping information shall be submitted to the appropriate Ohio EPA District Office or local air agency.
(Authority for term: OAC rule 3745-77-07(A)(3)(c))

ii. **All reporting required in accordance with the OAC rule 3745-77-07(A)(3)(c) with respect to emission limitations, operational restrictions, and control device operating parameter limitations shall be submitted in the following manner:**

(a) Written reports of (i) any deviations from federally enforceable emission limitations, operational restrictions, and control device operating parameter limitations ; (ii) the probable cause of such deviations; and (iii) any corrective actions or preventive measures taken, shall be promptly made to the appropriate Ohio EPA District Office or local air agency. Except as may otherwise be provided in the terms and conditions for a specific emissions unit, i.e., in Part III of this Title V permit, the written reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year, and shall cover the previous calendar quarters. In identifying each deviation, the permittee shall specify the applicable requirement for which the deviation occurred, describe each deviation, and provide the magnitude and duration of each deviation. These written reports shall satisfy the requirements (in part) of OAC rule 3745-77-07(A)(3)(c)(i) and (ii) pertaining to the submission of monitoring reports every six

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

(b) Any malfunction, as defined in OAC rule 3745-15-06(B)(1), shall be promptly reported to the Ohio EPA in accordance with OAC rule 3745-15-06. In addition, to fulfill the deviation reporting requirements for this Title V permit, written reports that identify each malfunction that occurred during each calendar quarter shall be submitted, at a minimum, quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year, and shall cover the previous calendar quarters.

In identifying each deviation caused by a malfunction, the permittee shall specify the applicable requirement for which the deviation occurred, describe each deviation, and provide the magnitude and duration of each deviation. For a specific malfunction, if this information has been provided in a written report that was submitted in accordance with OAC rule 3745-15-06, the permittee may simply reference that written report to identify the deviation. Also, if a deviation caused by a malfunction is identified in a written report submitted pursuant to paragraph (a) above, a separate report is not required for that malfunction pursuant to this paragraph. Nevertheless, all malfunctions, including those reported only verbally in accordance with OAC rule 3745-15-06, must be reported in writing, at a minimum, on a quarterly basis.

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

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

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

report (including any written malfunction reports required by OAC rule 3745-15-06 that are referenced in the deviation reports) are true, accurate, and complete."
(Authority for term: OAC rule 3745-77-07(A)(3)(c)(iv))

2. Scheduled Maintenance/Malfunction Reporting

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. The malfunction of any emissions unit(s) or any associated air pollution control system(s) shall be reported to the appropriate Ohio EPA District Office or local air agency in accordance with paragraph (B) of OAC rule 3745-15-06. Except as provided in OAC rule 3745-15-06, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of the emissions unit(s) that is (are) served by such control system(s).
(Authority for term: OAC rule 3745-77-07(A)(3)(c)(iii))

3. Risk Management Plans

If applicable, the permittee shall develop and register a risk management plan pursuant to section 112(r) of the Clean Air Act, as amended, 42 U.S.C. § 7401 et seq. ("Act"); and, pursuant to 40 C.F.R. 68.215(a), the permittee shall submit either of the following:

a. a compliance plan for meeting the requirements of 40 C.F.R. Part 68 by the date specified in 40 C.F.R. 68.10(a) and OAC 3745-104-05(A); or

b. as part of the compliance certification submitted under 40 C.F.R. 70.6(c)(5), a certification statement that the source is in compliance with all requirements of 40 C.F.R. Part 68 and OAC Chapter 3745-104, including the registration and submission of the risk management plan.

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

4. Title IV Provisions

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

5. Severability Clause

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

6. General Requirements

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

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

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

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

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

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

7. Fees

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

(Authority for term: OAC rule 3745-77-07(A)(8))

8. Marketable Permit Programs

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

(Authority for term: OAC rule 3745-77-07(A)(9))

9. Reasonably Anticipated Operating Scenarios

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

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

10. Reopening for Cause

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

a. Additional applicable requirements under the Act become applicable to one or more emissions units covered by this permit, and this permit has a remaining term of three or more years. Such a reopening shall be completed not later than eighteen (18) months after promulgation of the applicable requirement.

No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions has been extended pursuant to paragraph (E)(1) of OAC rule 3745-77-08.

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

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

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

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

11. Federal and State Enforceability

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

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

12. Compliance Requirements

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

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

i. At reasonable times, enter upon the permittee's premises where a source is located or the emissions-related activity is conducted, or where records must be kept under the conditions of this permit.

ii. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit, subject to the protection from disclosure to the public of confidential information consistent with paragraph (E) of OAC rule 3745-77-03.

iii. Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit.

iv. As authorized by the Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit and applicable requirements.

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

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

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

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

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

13. Permit Shield

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

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

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

14. Operational Flexibility

The permittee is authorized to make the changes identified in OAC rule 3745-77-07(H)(1)(a) to (H)(1)(c) within the permitted stationary source without obtaining a permit revision, if such change is not a modification

under any provision of Title I of the Act [as defined in OAC rule 3745-77-01(JJ)], and does not result in an exceedance of the emissions allowed under this permit (whether expressed therein as a rate of emissions or in terms of total emissions), and the permittee provides the Administrator of the U.S. EPA and the appropriate Ohio EPA District Office or local air agency with written notification within a minimum of seven days in advance of the proposed changes, unless the change is associated with, or in response to, emergency conditions. If less than seven days notice is provided because of a need to respond more quickly to such emergency conditions, the permittee shall provide notice to the Administrator of the U.S. EPA and the appropriate District Office of the Ohio EPA or local air agency as soon as possible after learning of the need to make the change. The notification shall contain the items required under OAC rule 3745-77-07(H)(2)(d).
(Authority for term: OAC rules 3745-77-07(H)(1) and (2))

15. Emergencies

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

16. Off-Permit Changes

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

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

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

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

d. The permittee shall keep a record describing all changes made at the source that result in emissions of a regulated air pollutant subject to an applicable requirement, but not otherwise regulated under the permit, and the emissions resulting from those changes.

e. The change is not subject to any applicable requirement under Title IV of the Act or is not a modification under any provision of Title I of the Act.

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

(I) of rule 3745-77-07 of the Administrative Code shall affect any applicable obligation under Chapter 3745-31 of the Administrative Code.

(For purposes of clarification, the permittee can refer to Engineering Guide #63 that is available in the STARSHIP software package.)
(Authority for term: OAC rule 3745-77-07(I))

17. Compliance Method Requirements

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

18. Insignificant Activities

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

19. Permit to Install Requirement

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

20. Air Pollution Nuisance

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

B. *State Only Enforceable Section*

1. Reporting Requirements Related to Monitoring and Record Keeping Requirements

The permittee shall submit required reports in the following manner:

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

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

2. Records Retention Requirements

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

3. Inspections and Information Requests

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

4. Scheduled Maintenance/Malfunction Reporting

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

paragraph (B) of OAC rule 3745-15-06. Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of the emissions unit(s) that is (are) served by such control system(s).

5. Permit Transfers

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

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

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

Part II - Specific Facility Terms and Conditions

A. State and Federally Enforcable Section

1. This facility is subject to the applicable requirements specified in OAC Chapter 3745-25. In accordance with Ohio EPA Engineering Guide #64, the emission control action programs, as specified in OAC rule 3745-25-03, shall be developed and submitted within 60 days after receiving notification from the Ohio EPA.

2. The permittee shall comply with all applicable provisions specified in 40 CFR Part 82, Subparts B and F as related to the operations at this facility.

B. State Only Enforceable Section

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

B001 - handles building boiler;
B002 - handles building drying room heater;
P901 - general woodworking equipment; and
R003 - Woodcrafts spray booth #2 (This emissions unit has been removed from service - per letter from The Longaberger Company dated 1/30/98 - and will be designated as "permanently shut down" when the Title V application is resubmitted at the time of permit renewal.).

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: Plant Roadways and Parking Areas (F002)

Activity Description: Plant roads and parking lots, paved and unpaved surfaces, NOR 05/94; paved surfaces = 3,455,275sq. ft., unpaved surfaces = 482,266 sq. ft.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
plant roadways and parking areas	OAC rule 3745-31-05(A)(3) (PTI No. 06-05469 issued 8/19/1998)	Particulate emissions shall not exceed 6.6 tons per year.
paved roadways and parking areas		There shall be no visible particulate emissions except for 6 minutes during any 60-minute observation period. The permittee shall employ best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (see sections A.I.2.c, A.I.2.d, A.I.2.e, and A.I.2.i).
unpaved roadways and parking areas		There shall be no visible particulate emissions except for 13 minutes during any 60-minute observation period. The permittee shall employ best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (see sections A.I.2.f through A.I.2.i).

2. Additional Terms and Conditions

2.a The paved roadways and parking areas that are covered by this permit and subject to the requirements of OAC rule 3745-31-05 are listed below:

paved roadways:

Loop Road
Service
Woodcrafts Loop
Barn Loop
Employment Road

paved parking areas:

East A
North A
South A
Family Center
EDC
West A
Handles #1
Security
South B
West B
Northwest B
Woodcrafts South
Woodcrafts North

2.b The unpaved roadways and parking areas that are covered by this permit and subject to the requirements of OAC rule 3745-31-05 are listed below:

unpaved roadways:

Woodcrafts Service
Nursery Loop
Fleet Loop
Brill Road
WWTP Loop

unpaved parking areas:

North B
Handles #2
Chipper
Construction
Fleet
North Fleet
Barn

2.c The permittee shall employ best available control measures on all paved roadways and parking areas for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's permit application, the permittee has committed to treat the paved roadways and parking areas by flushing with water, sweeping, and/or watering at sufficient treatment frequencies to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

2. Additional Terms and Conditions (continued)

2.d The permittee shall promptly remove, in such a manner as to minimize or prevent resuspension, earth and/or other material from paved streets onto which such material has been deposited by trucking or earth moving equipment or erosion by water or other means.

2.e The permittee shall employ best available control measures on the unpaved shoulders of all paved roadways for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's permit application, the permittee has committed to treat the unpaved shoulders of all paved roadways with water and/or any other suitable dust suppression chemicals at sufficient treatment frequencies to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

2.f The permittee shall employ best available control measures on all unpaved roadways and parking areas for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's permit application, the permittee has committed to treat the unpaved roadways and parking areas with water and/or any other suitable dust suppression chemicals at sufficient treatment frequencies to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

2.g The needed frequencies of implementation of the control measures shall be determined by the permittee's inspections pursuant to the monitoring section of this permit. Implementation of the control measures shall not be necessary for a paved or unpaved roadway or parking area that is covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements. Implementation of any control measure may be suspended if unsafe or hazardous driving conditions would be created by its use.

2.h Any unpaved roadway or parking area, which during the term of this permit is paved or takes the characteristics of a paved surface due to the application of certain types of dust suppressants, may be controlled with the control measure specified above for paved surfaces. Any unpaved roadway or parking area that takes the characteristics of a paved roadway or parking area due to the application of certain types of dust suppressants shall remain subject to the visible emission limitation for unpaved roadways and parking areas. Any unpaved roadway or parking area that is paved shall be subject to the visible emission limitation for paved roadways and parking areas.

2.i Open-bodied vehicles transporting materials likely to become airborne shall have such materials covered at all times if the control measure is necessary for the materials being transported.

2.j Implementation of the above control measures in accordance with the terms and conditions of this permit is appropriate and sufficient to satisfy the requirements of section A.I.1.

II. Operational Restrictions

1. A maximum speed limit of 15 miles per hour (mph) shall be posted and enforced on all property parking areas. A maximum speed of 25 mph shall be posted and enforced on all roadways on the property.

III. Monitoring and/or Record Keeping Requirements

1. Except as otherwise provided in this section, the permittee shall perform inspections of the roadways and parking areas in accordance with the following frequencies:

paved roadways and parking areas	minimum inspection frequency
ALL	WEEKLY

unpaved roadways and parking areas	minimum inspection frequency
ALL	WEEKLY

The purpose of the inspections is to determine the need for implementing the control measures specified in section A.I.2. The inspections shall be performed during representative, normal traffic conditions. No inspection shall be necessary for a roadway or parking area that is covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements. Any required inspection that is not performed due to any of the above identified events shall be performed as soon as such event(s) has (have) ended, except if the next required inspection is within one week.

The permittee may, upon receipt of written approval from the appropriate Ohio EPA District Office or local air agency, modify the above-mentioned inspection frequencies if operating experience indicates that less frequent inspections would be sufficient to ensure compliance with the above-mentioned applicable requirements.

2. The permittee shall maintain records of the following information:

a. the date and reason any required inspection was not performed, including those inspections that were not performed due to snow and/or ice cover or precipitation;

b. the date of each inspection where it was determined by the permittee that it was necessary to implement the control measures;

c. the dates the control measures were implemented; and

d. on a calendar quarter basis, the total number of days the control measures were implemented and the total number of days where snow and/or ice cover or precipitation were sufficient to not require the control measures.

The information required in section A.III.2.d shall be kept separately for (i) the paved roadways and parking areas and (ii) the unpaved roadways and parking areas, and shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that identify any of the following occurrences:

a. each day during which an inspection was not performed by the required frequency, excluding an inspection which was not performed due to an exemption for snow and/or ice cover or precipitation; and

b. each instance when a control measure, that was to be implemented as a result of an inspection, was not implemented.

2. The quarterly deviation reports shall be submitted in accordance with General Term and Condition A.1.c.ii.

3. If there are no deviations during a calendar quarter that must be reported pursuant to section A.IV of this permit, the permittee shall submit a quarterly report, in accordance with section A.I.c.ii of the General Terms and Conditions, which states that no deviations occurred during that quarter.

IV. Reporting Requirements (continued)

4. The permittee shall also submit annual reports that specify the total emissions of particulates from this emissions unit for the previous calendar year. The reports shall be submitted by April 15 of each year. This reporting requirement may be satisfied by including and identifying the specific emission data for this emissions unit in the annual Fee Emission Report.

V. Testing Requirements

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

1.a Emission Limitations:
For paved roadways and parking areas, there shall be no visible particulate emissions except for 6 minutes during any 60-minute observation period.

For unpaved roadways and parking areas, there shall be no visible particulate emissions except for 13 minutes during any 60-minute observation period.

Applicable Compliance Method:
Compliance with the emission limitations for the paved and unpaved roadways and parking areas identified above shall be determined in accordance with Test Method 22 as set forth in "Appendix on Test Methods" in 40 CFR, Part 60 ("Standards of Performance for New Stationary Sources"), as such Appendix existed on July 1, 2002, and the modifications listed in paragraphs (B)(4)(a) through (B)(4)(d) of OAC rule 3745-17-03.

1.b Emission Limitation:
Particulate emissions shall not exceed 6.6 tons per year.

Applicable Compliance Method:
paved roadways and parking areas

The emission factor calculation for paved roadways and parking areas in AP-42 section 13.2.2 (September, 1998) may be utilized to determine compliance. Initial compliance has been determined using inputs representing current conditions as follows:

E = k(sL/2)0.65 x (W/3)1.5

where:

E = size-specific emission factor (lb/VMT)
k = 0.082 (dimension less constant) particle size multiplier
sL = 0.10 (dimension less constant) road surface silt loading
W = 1.6 tons of average vehicle weight

Therefore, E = 0.00456 lbs particulate/VMT

Maximum travel = 1502178 VMT/year

(1,502,178 VMT/yr)(0.00456 lbs/VMT) = 6,845 lbs of particulate/year

(6,845 lbs/year)(1 ton/2000 lbs) = 3.42 tons of particulate uncontrolled/year

Assume 85% control for roadway watering

(3.42 tons/year) (.15) = 0.51 ton of particulate controlled/year

V. Testing Requirements (continued)

unpaved roadways and parking areas

The emission factor calculation for unpaved roadways and parking areas in AP-42 section 13.2.2 (September, 1998) may be utilized to determine compliance. Initial compliance has been determined using inputs representing current conditions as follows:

E = [k(s/12)a x (W/3)b] / (M/0.2)c

where:

E = size-specific emission factor (lb/VMT)
s = silt content of road surface material (%) = 8.3 %
W = mean vehicle weight (tons) = 1.6
M = surface material moisture content (%) = 8.9%
a = 0.8 (dimension less constant)
b = 0.5 (dimension less constant)
c = 0.4 (dimension less constant)
k = 10 (dimension less constant) particle size multiplier

Therefore, E = 1.19 lbs particulate/VMT

Maximum travel = 67,153 VMT/year

(67,153 VMT/yr)(1.19 lbs/VMT) = 79,912 lbs of particulate/year

(79,912 lbs/year)(1 ton/2000 lbs) = 40.0 tons of particulate uncontrolled/year

Assume 80% control for roadway watering

(40.0 tons/year) (.15) = 6.00 tons of particulate controlled/year

Total emissions from paved and unpaved roadways and parking areas are:

0.51 ton + 6.00 tons = 6.51 tons per year

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

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

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Scrap Wood Chipper (F003)

Activity Description: System used to chip wood waste from manufacturing operations, PTI 09/94

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Scrap wood chipper controlled with a wet suppression system.	OAC rule 3745-31-05(A)(3) (PTI No. 06-4218 issued 9/21/94)	Particulate emissions (PE) shall not exceed 1.1 tons per year. See section A.I.2.a below.

2. Additional Terms and Conditions

2.a The truck loading conveyor shall be sufficiently enclosed to minimize or eliminate fugitive particulate emissions.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain a record of the total amount of scrap wood chipped each year, in tons.

IV. Reporting Requirements

1. The permittee shall also submit annual reports that specify the total emissions of particulates from this emissions unit for the previous calendar year. The reports shall be submitted by April 15 of each year. This reporting requirement may be satisfied by including and identifying the specific emission data for this emissions unit in the annual Fee Emission Report.

V. Testing Requirements

1. Compliance with the annual emission limitation listed in section A.I.1 shall be determined by multiplying the annual tons of scrap wood chipped by the company-supplied emission factor of 1.0 pound of PE per ton scrap wood and an estimated control efficiency for wet suppression as follows:

(tons scrap wood/year) X (1.0 lb of PE/ton scrap wood) X (1-0.95) X (0.0005) = tons PE/year

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

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

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Woodworking Equipment to West Baghouse (F004)

Activity Description: Miscellaneous woodworking equipment, exhaust air from baghouse collector returned to building

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Woodworking equipment vented to the West Baghouse.	OAC rule 3745-31-05(A)(3) (PTI No. 06-4494 as modified 4/23/97)	Particulate emissions shall not exceed 0.030 grain per dry standard cubic foot of exhaust gases or there shall be no visible particulate emissions from the exhaust stack, whichever is less stringent. Total particulate emissions shall not exceed 56.3 tons per year.
	OAC rule 3745-17-07(A)	The emission limitations specified by this rule are less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
	OAC rule 3745-17-11(B)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

2.a Within 3 months of the effective date of this permit, the permittee shall conduct an initial demonstration of compliance with the no visible particulate emission limitation that will be correlated to pressure drop records obtained from the baghouse serving this emissions unit. The pressure drop monitoring data collected during the initial compliance demonstration shall be used to establish the appropriate pressure drop range across the baghouse. Daily evaluations of the pressure drop across the baghouse will then be used in lieu of performing periodic visible particulate emissions observations to evaluate ongoing compliance with the visible particulate emission limitation. The visible particulate emissions observations for the initial compliance demonstration shall be performed in accordance with 40 CFR Part 60, Appendix A, Method 22. During the initial compliance demonstration, the baghouse pressure drop monitoring and visible particulate emissions observations shall be conducted over a time period that is sufficient to establish a representative pressure drop range. The initial compliance demonstration shall be conducted while the woodworking equipment is operating at or near its maximum capacity, unless otherwise specified or approved by the Ohio EPA, Southeast District Office.

II. Operational Restrictions

1. The pressure drop across the baghouse, in inches of water, shall be maintained within the pressure drop range established during the initial compliance demonstration when the emissions unit is in operation.

The operation of the baghouse outside the range specified above may or may not indicate a mass emission and/or visible emission violation. If required by the Ohio EPA, Southeast District Office, compliance with the mass emission limitation and visible emission limitation shall be determined by performing concurrent mass emission tests and visible emissions observations, using USEPA-approved methods and procedures. The results of any required emission tests and visible emission observations shall be used in determining whether or not the operation of the baghouse outside the range specified above is indicative of a possible violation of the mass emission limitation and/or visible emission limitation and, if appropriate, to reestablish a more representative pressure drop range.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall properly operate and maintain equipment to monitor the pressure drop across the baghouse while the emissions unit is in operation. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across the baghouse on a daily basis.

IV. Reporting Requirements

1. The permittee shall submit quarterly pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across the baghouse was not within the range established during the initial compliance demonstration specified in section A.I.2.a above or any subsequent range approved by the Ohio EPA, Southeast District Office. The quarterly deviation reports shall be submitted in accordance with General Term and Condition A.1.c.ii.

2. The permittee shall also submit annual reports that specify the total emissions of particulates from this emissions unit for the previous calendar year. The reports shall be submitted by April 15 of each year. This reporting requirement may be satisfied by including and identifying the specific emission data for this emissions unit in the annual Fee Emission Report.

V. Testing Requirements

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

2. Emission Limitation:
Particulate emissions shall not exceed 0.030 grain per dry standard cubic foot or no visible particulate emissions from the exhaust stack, whichever is less stringent.

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the 0.030 grain per dry standard cubic foot particulate emission limitation shall be demonstrated through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 5; otherwise, if required, compliance shall be demonstrated by the absence of any visible particulate emissions from the baghouse serving this emissions unit using Method 22 of 40 CFR Part 60, Appendix A.

V. Testing Requirements (continued)

3. Emission Limitation:
Total particulate emissions shall not exceed 56.3 tons per year.

Applicable Compliance Method:
This emission limitation was established in accordance with the following equation:

tons PE/year = (0.030 gr/dscf) X (50000 dscf/min) X (lb/7000 gr) X (60 min/hour) X (ton/2000 lbs) X (8760 hours/year)

The flow rate of 50000 dscf/min represents the maximum flow rate of exhaust gases from the control equipment, based on company-supplied data.

Compliance with this emission limitation may be assumed provided that the permittee complies with the short term emission limitation.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

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

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Woodworking Equipment to East Baghouse (F005)

Activity Description: Miscellaneous woodworking equipment, exhaust air from baghouse collector returned to building

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Woodworking equipment vented to the East Baghouse.	OAC rule 3745-31-05(A)(3) (PTI No. 06-4494 as modified 4/23/97)	Particulate emissions shall not exceed 0.030 grain per dry standard cubic foot of exhaust gases or there shall be no visible particulate emissions from the exhaust stack, whichever is less stringent. Total particulate emissions shall not exceed 56.3 tons per year.
	OAC rule 3745-17-07(A)	The emission limitations specified by this rule are less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
	OAC rule 3745-17-11(B)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

2.a Within 3 months of the effective date of this permit, the permittee shall conduct an initial demonstration of compliance with the no visible particulate emission limitation that will be correlated to pressure drop records obtained from the baghouse serving this emissions unit. The pressure drop monitoring data collected during the initial compliance demonstration shall be used to establish the appropriate pressure drop range across the baghouse. Daily evaluations of the pressure drop across the baghouse will then be used in lieu of performing periodic visible particulate emissions observations to evaluate ongoing compliance with the visible particulate emission limitation. The visible particulate emissions observations for the initial compliance demonstration shall be performed in accordance with 40 CFR Part 60, Appendix A, Method 22. During the initial compliance demonstration, the baghouse pressure drop monitoring and visible particulate emissions observations shall be conducted over a time period that is sufficient to establish a representative pressure drop range. The initial compliance demonstration shall be conducted while the woodworking equipment is operating at or near its maximum capacity, unless otherwise specified or approved by the Ohio EPA, Southeast District Office.

II. Operational Restrictions

1. The pressure drop across the baghouse, in inches of water, shall be maintained within the pressure drop range established during the initial compliance demonstration when the emissions unit is in operation.

The operation of the baghouse outside the range specified above may or may not indicate a mass emission and/or visible emission violation. If required by the Ohio EPA, Southeast District Office, compliance with the mass emission limitation and visible emission limitation shall be determined by performing concurrent mass emission tests and visible emissions observations, using USEPA-approved methods and procedures. The results of any required emission tests and visible emission observations shall be used in determining whether or not the operation of the baghouse outside the range specified above is indicative of a possible violation of the mass emission limitation and/or visible emission limitation.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall properly operate and maintain equipment to monitor the pressure drop across the baghouse while the emissions unit is in operation. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across the baghouse on a daily basis.

IV. Reporting Requirements

1. The permittee shall submit quarterly pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across the baghouse did not comply with the allowable range specified above. The quarterly deviation reports shall be submitted in accordance with General Term and Condition A.1.c.ii.

2. The permittee shall also submit annual reports that specify the total emissions of particulates from this emissions unit for the previous calendar year. The reports shall be submitted by April 15 of each year. This reporting requirement may be satisfied by including and identifying the specific emission data for this emissions unit in the annual Fee Emission Report.

V. Testing Requirements

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

2. Emission Limitation:
Particulate emissions shall not exceed 0.030 grain per dry standard cubic foot or no visible particulate emissions from the exhaust stack, whichever is less stringent.

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the 0.030 grain per dry standard cubic foot particulate emission limitation shall be demonstrated through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 5; otherwise, compliance shall be demonstrated by the absence of any visible particulate emissions from the baghouse serving this emissions unit using Method 22 of 40 CFR Part 60, Appendix A.

V. Testing Requirements (continued)

3. Emission Limitation:
Total particulate emissions shall not exceed 56.3 tons per year.

Applicable Compliance Method:
This emission limitation was established in accordance with the following equation:

tons PE/year = (0.030 gr/dscf) X (50000 dscf/min) X (lb/7000 gr) X (60 min/hour) X (ton/2000 lbs) X (8760 hours/year)

The flow rate of 50000 dscf/min represents the maximum flow rate of exhaust gases from the control equipment, based on company-supplied data.

Compliance with this emission limitation may be assumed provided that the permittee complies with the short term emission limitation.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

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

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Woodworking Equipment to Center Baghouse (F006)

Activity Description: Miscellaneous woodworking equipment, exhaust air from baghouse collector returned to building

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Woodworking equipment vented to the Center Baghouse.	OAC rule 3745-31-05(A)(3) (PTI No. 06-4494 as modified 4/23/97)	Particulate emissions shall not exceed 0.030 grain per dry standard cubic foot of exhaust gases or there shall be no visible particulate emissions from the exhaust stack, whichever is less stringent. Total particulate emissions shall not exceed 46.0 tons per year.
	OAC rule 3745-17-07(A)	The emission limitations specified by this rule are less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
	OAC rule 3745-17-11(B)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

2.a Within 3 months of the effective date of this permit, the permittee shall conduct an initial demonstration of compliance with the no visible particulate emission limitation that will be correlated to pressure drop records obtained from the baghouse serving this emissions unit. The pressure drop monitoring data collected during the initial compliance demonstration shall be used to establish the appropriate pressure drop range across the baghouse. Daily evaluations of the pressure drop across the baghouse will then be used in lieu of performing periodic visible particulate emissions observations to evaluate ongoing compliance with the visible particulate emission limitation. The visible particulate emissions observations for the initial compliance demonstration shall be performed in accordance with 40 CFR Part 60, Appendix A, Method 22. During the initial compliance demonstration, the baghouse pressure drop monitoring and visible particulate emissions observations shall be conducted over a time period that is sufficient to establish a representative pressure drop range. The initial compliance demonstration shall be conducted while the woodworking equipment is operating at or near its maximum capacity, unless otherwise specified or approved by the Ohio EPA, Southeast District Office.

II. Operational Restrictions

1. The pressure drop across the baghouse, in inches of water, shall be maintained within the pressure drop range established during the initial compliance demonstration when the emissions unit is in operation.

The operation of the baghouse outside the range specified above may or may not indicate a mass emission and/or visible emission violation. If required by the Ohio EPA, Southeast District Office, compliance with the mass emission limitation and visible emission limitation shall be determined by performing concurrent mass emission tests and visible emissions observations, using USEPA-approved methods and procedures. The results of any required emission tests and visible emission observations shall be used in determining whether or not the operation of the baghouse outside the range specified above is indicative of a possible violation of the mass emission limitation and/or visible emission limitation.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall properly operate and maintain equipment to monitor the pressure drop across the baghouse while the emissions unit is in operation. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across the baghouse on a daily basis.

IV. Reporting Requirements

1. The permittee shall submit quarterly pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across the baghouse did not comply with the allowable range specified above. The quarterly deviation reports shall be submitted in accordance with General Term and Condition A.1.c.ii.

2. The permittee shall also submit annual reports that specify the total emissions of particulates from this emissions unit for the previous calendar year. The reports shall be submitted by April 15 of each year. This reporting requirement may be satisfied by including and identifying the specific emission data for this emissions unit in the annual Fee Emission Report.

V. Testing Requirements

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

2. Emission Limitation:
Particulate emissions shall not exceed 0.030 grain per dry standard cubic foot or no visible particulate emissions from the exhaust stack, whichever is less stringent.

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the 0.030 grain per dry standard cubic foot particulate emission limitation shall be demonstrated through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 5; otherwise, compliance shall be demonstrated by the absence of any visible particulate emissions from the baghouse serving this emissions unit using Method 22 of 40 CFR Part 60, Appendix A.

V. Testing Requirements (continued)

3. Emission Limitation:
Total particulate emissions shall not exceed 46.0 tons per year.

Applicable Compliance Method:
This emission limitation was established in accordance with the following equation:

tons PE/year = (0.030 gr/dscf) X (41000 dscf/min) X (lb/7000 gr) X (60 min/hour) X (ton/2000 lbs) X (8760 hours/year)

The flow rate of 41000 dscf/min represents the maximum flow rate of exhaust gases from the control equipment, based on company-supplied data.

Compliance with this emission limitation may be assumed provided that the permittee complies with the short term emission limitation.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

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

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Denibbing and Sanding in Flat Line Finish System (F007)

Activity Description: Denibbing and sanding sections of flat line finish system, dedicated baghouse collector

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Denibbing and sanding operations vented to a baghouse.	OAC rule 3745-31-05(A)(3) (PTI No. 06-4892 issued 7/31/96)	Particulate emissions shall not exceed 0.030 grain per dry standard cubic foot of exhaust gases or there shall be no visible particulate emissions from the exhaust stack, whichever is less stringent. Total particulate emissions shall not exceed 20.3 tons per year.
	OAC rule 3745-17-07(A)	The emission limitations specified by this rule are less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
	OAC rule 3745-17-11(B)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

2.a Within 3 months of the effective date of this permit, the permittee shall conduct an initial demonstration of compliance with the no visible particulate emission limitation that will be correlated to pressure drop records obtained from the baghouse serving this emissions unit. The pressure drop monitoring data collected during the initial compliance demonstration shall be used to establish the appropriate pressure drop range across the baghouse. Daily evaluations of the pressure drop across the baghouse will then be used in lieu of performing periodic visible particulate emissions observations to evaluate ongoing compliance with the visible particulate emission limitation. The visible particulate emissions observations for the initial compliance demonstration shall be performed in accordance with 40 CFR Part 60, Appendix A, Method 22. During the initial compliance demonstration, the baghouse pressure drop monitoring and visible particulate emissions observations shall be conducted over a time period that is sufficient to establish a representative pressure drop range. The initial compliance demonstration shall be conducted while the woodworking equipment is operating at or near its maximum capacity, unless otherwise specified or approved by the Ohio EPA, Southeast District Office.

II. Operational Restrictions

1. The pressure drop across the baghouse, in inches of water, shall be maintained within the pressure drop range established during the initial compliance demonstration when the emissions unit is in operation.

The operation of the baghouse outside the range specified above may or may not indicate a mass emission and/or visible emission violation. If required by the Ohio EPA, Southeast District Office, compliance with the mass emission limitation and visible emission limitation shall be determined by performing concurrent mass emission tests and visible emissions observations, using USEPA-approved methods and procedures. The results of any required emission tests and visible emission observations shall be used in determining whether or not the operation of the baghouse outside the range specified above is indicative of a possible violation of the mass emission limitation and/or visible emission limitation.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall properly operate and maintain equipment to monitor the pressure drop across the baghouse while the emissions unit is in operation. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across the baghouse on a daily basis.

IV. Reporting Requirements

1. The permittee shall submit quarterly pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across the baghouse did not comply with the allowable range specified above. The quarterly deviation reports shall be submitted in accordance with General Term and Condition A.1.c.ii.

2. The permittee shall also submit annual reports that specify the total emissions of particulates from this emissions unit for the previous calendar year. The reports shall be submitted by April 15 of each year. This reporting requirement may be satisfied by including and identifying the specific emission data for this emissions unit in the annual Fee Emission Report.

V. Testing Requirements

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

2. Emission Limitation:
Particulate emissions shall not exceed 0.030 grain per dry standard cubic foot or no visible particulate emissions from the exhaust stack, whichever is less stringent.

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the 0.030 grain per dry standard cubic foot particulate emission limitation shall be demonstrated through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 5; otherwise, compliance shall be demonstrated by the absence of any visible particulate emissions from the baghouse serving this emissions unit using Method 22 of 40 CFR Part 60, Appendix A.

V. Testing Requirements (continued)

3. Emission Limitation:
Total particulate emissions shall not exceed 20.3 tons per year.

Applicable Compliance Method:
This emission limitation was established in accordance with the following equation:

tons PE/year = (0.030 gr/dscf) X (18000 dscf/min) X (lb/7000 gr) X (60 min/hour) X (ton/2000 lbs) X (8760 hours/year)

The flow rate of 18000 dscf/min represents the maximum flow rate of exhaust gases from the control equipment, based on company-supplied data.

Compliance with this emission limitation may be assumed provided that the permittee complies with the short term emission limitation.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

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

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Woodworking Equipment in Forms Shop (F008)

Activity Description: Miscellaneous woodworking equipment, exhaust air from baghouse collector returned to building

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Basket forms equipment vented to a baghouse.	OAC rule 3745-31-05(A)(3) (PTI No. 06-05469 issued 8/19/1998)	Particulate emissions shall not exceed 0.010 grain per dry standard cubic foot of exhaust gases or there shall be no visible particulate emissions from the exhaust stack, whichever is less stringent. Total particulate emissions shall not exceed 7.5 tons per year.
	OAC rule 3745-17-07(A)	The emission limitations specified by this rule are less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
	OAC rule 3745-17-11(B)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

2.a Within 3 months of the effective date of this permit, the permittee shall conduct an initial demonstration of compliance with the no visible particulate emission limitation that will be correlated to pressure drop records obtained from the baghouse serving this emissions unit. The pressure drop monitoring data collected during the initial compliance demonstration shall be used to establish the appropriate pressure drop range across the baghouse. Daily evaluations of the pressure drop across the baghouse will then be used in lieu of performing periodic visible particulate emissions observations to evaluate ongoing compliance with the visible particulate emission limitation. The visible particulate emissions observations for the initial compliance demonstration shall be performed in accordance with 40 CFR Part 60, Appendix A, Method 22. During the initial compliance demonstration, the baghouse pressure drop monitoring and visible particulate emissions observations shall be conducted over a time period that is sufficient to establish a representative pressure drop range. The initial compliance demonstration shall be conducted while the woodworking equipment is operating at or near its maximum capacity, unless otherwise specified or approved by the Ohio EPA, Southeast District Office.

II. Operational Restrictions

1. The pressure drop across the baghouse, in inches of water, shall be maintained within the pressure drop range established during the initial compliance demonstration, or any pressure drop range established during subsequent compliance demonstration(s) and approved by the Ohio EPA, Southeast District Office, when the emissions unit is in operation.

The operation of the baghouse outside the range specified above may or may not indicate a mass emission and/or visible emission violation. If required by the Ohio EPA, Southeast District Office, compliance with the mass emission limitation and visible emission limitation shall be determined by performing concurrent mass emission tests and visible emissions observations, using USEPA-approved methods and procedures.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall properly operate and maintain equipment to monitor the pressure drop across the baghouse while the emissions unit is in operation. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across the baghouse on a daily basis.

IV. Reporting Requirements

1. The permittee shall submit quarterly pressure drop deviation (excursion) reports that identify all instances in which the recorded or observed pressure drop across the baghouse was not within the range established during the initial compliance demonstration specified in section A.I.2.a above, or any subsequent range approved by the Ohio EPA, Southeast District Office. The quarterly deviation reports shall be submitted in accordance with General Term and Condition A.1.c.ii.

2. The permittee shall also submit annual reports that specify the total emissions of particulates from this emissions unit for the previous calendar year. The reports shall be submitted by April 15 of each year. This reporting requirement may be satisfied by including and identifying the specific emission data for this emissions unit in the annual Fee Emission Report.

V. Testing Requirements

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

1.a Emission Limitation:

Particulate emissions shall not exceed 0.010 grain per dry standard cubic foot of exhaust gases or there shall be no visible particulate emissions from the exhaust stack, whichever is less stringent.

Applicable Compliance Method:

If required by the Ohio EPA, compliance with the 0.010 grain per dry standard cubic foot particulate emission limitation shall be demonstrated through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 5; otherwise, compliance shall be demonstrated by the absence of any visible particulate emissions from the baghouse serving this emissions unit using Method 22 of 40 CFR Part 60, Appendix A.

V. Testing Requirements (continued)

1.b Emission Limitation:
Total particulate emissions shall not exceed 7.5 tons per year.

Applicable Compliance Method:
This emission limitation was established in accordance with the following equation:

tons PE/year = (0.010 gr/dscf) x (20000 dscf/min) x (lb/7000 gr) x (60 min/hour) x (ton/2000 lbs) x (8760 hours/year)

The flow rate of 20000 dscf/min represents the maximum flow rate of exhaust gases from the control equipment, based on company-supplied data.

Compliance with this emission limitation may be assumed provided that the permittee complies with the short term emission limitation.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

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

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Building B Woodworking Equipment (F009)

Activity Description: Miscellaneous woodworking equipment, exhaust air from baghouse collector returned to building

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Building B woodworking equipment vented to a baghouse.	OAC rule 3745-31-05(A)(3) (PTI No. 06-05561 issued 9/23/98)	Particulate emissions shall not exceed 0.0030 grain per dry standard cubic foot of exhaust gases or there shall be no visible particulate emissions from the exhaust stack, whichever is less stringent. Total particulate emissions shall not exceed 1.35 tons per year.
	OAC rule 3745-17-07(A)	The emission limitations specified by this rule are less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
	OAC rule 3745-17-11(B)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

2.a Within 3 months of the effective date of this permit, the permittee shall conduct an initial demonstration of compliance with the no visible particulate emission limitation that will be correlated to pressure drop records obtained from the baghouse serving this emissions unit. The pressure drop monitoring data collected during the initial compliance demonstration shall be used to establish the appropriate pressure drop range across the baghouse. Daily evaluations of the pressure drop across the baghouse will then be used in lieu of performing periodic visible particulate emissions observations to evaluate ongoing compliance with the visible particulate emission limitation. The visible particulate emissions observations for the initial compliance demonstration shall be performed in accordance with 40 CFR Part 60, Appendix A, Method 22. During the initial compliance demonstration, the baghouse pressure drop monitoring and visible particulate emissions observations shall be conducted over a time period that is sufficient to establish a representative pressure drop range. The initial compliance demonstration shall be conducted while the woodworking equipment is operating at or near its maximum capacity, unless otherwise specified or approved by the Ohio EPA, Southeast District Office.

II. Operational Restrictions

1. The pressure drop across the baghouse, in inches of water, shall be maintained within the pressure drop range established during the initial compliance demonstration, or any pressure drop range established during subsequent compliance demonstration(s) and approved by the Ohio EPA, Southeast District Office, when the emissions unit is in operation.

The operation of the baghouse outside the range specified above may or may not indicate a mass emission and/or visible emission violation. If required by the Ohio EPA, Southeast District Office, compliance with the mass emission limitation and visible emission limitation shall be determined by performing concurrent mass emission tests and visible emissions observations, using USEPA-approved methods and procedures.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall properly operate and maintain equipment to monitor the pressure drop across the baghouse while the emissions unit is in operation. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across the baghouse on a daily basis.

IV. Reporting Requirements

1. The permittee shall submit quarterly pressure drop deviation (excursion) reports that identify all instances in which the recorded or observed pressure drop across the baghouse was not within the range established during the initial compliance demonstration specified in section A.I.2.a above, or any subsequent range approved by the Ohio EPA, Southeast District Office. The quarterly deviation reports shall be submitted in accordance with General Term and Condition A.1.c.ii.

2. The permittee shall submit annual reports that specify the total particulate emissions from this emissions unit for the previous calendar year. These reports shall be submitted by April 15 of each year. This reporting requirement may be satisfied by including and identifying the specific emission data for this emissions unit in the annual Fee Emission Report.

V. Testing Requirements

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

1.a Emission Limitation:
Particulate emissions shall not exceed 0.0030 grain per dry standard cubic foot of exhaust gases or there shall be no visible particulate emissions from the exhaust stack, whichever is less stringent.

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the 0.0030 grain per dry standard cubic foot particulate emission limitation shall be demonstrated through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 5; otherwise, compliance shall be demonstrated by the absence of any visible particulate emissions from the baghouse serving this emissions unit using Method 22 of 40 CFR Part 60, Appendix A.

V. Testing Requirements (continued)

1.b Emission Limitation:
Total particulate emissions shall not exceed 1.35 tons per year.

Applicable Compliance Method:
This emission limitation was established in accordance with the following equation:

tons PE/year = (0.0030 gr/dscf) x (12000 dscf/min) x (lb/7000 gr) x (60 min/hour) x (ton/2000 lbs) x (8760 hours/year)

The flow rate of 12000 dscf/min represents the maximum flow rate of exhaust gases from the control equipment, based on company-supplied data.

Compliance with this emission limitation may be assumed provided that the permittee complies with the short term emission limitation.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

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

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Handles Building Miscellaneous Woodworking Equipment (F010)

Activity Description: Miscellaneous woodworking equipment, exhaust air from baghouse collector returned to building

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Miscellaneous woodworking equipment vented to a baghouse.	OAC rule 3745-31-05(A)(3) (PTI No. 06-05589 issued 10/15/98)	Particulate emissions shall not exceed 0.010 grain per dry standard cubic foot of exhaust gases or there shall be no visible particulate emissions from the exhaust stack, whichever is less stringent. Total particulate emissions shall not exceed 7.5 tons per year.
	OAC rule 3745-17-07(A)	The emission limitations specified by this rule are less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
	OAC rule 3745-17-11(B)	The emission limitation specified by this rule is less stringent than the emission limitations established pursuant to OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

2.a Within 3 months of the effective date of this permit, the permittee shall conduct an initial demonstration of compliance with the no visible particulate emission limitation that will be correlated to pressure drop records obtained from the baghouse serving this emissions unit. The pressure drop monitoring data collected during the initial compliance demonstration shall be used to establish the appropriate pressure drop range across the baghouse. Daily evaluations of the pressure drop across the baghouse will then be used in lieu of performing periodic visible particulate emissions observations to evaluate ongoing compliance with the visible particulate emission limitation. The visible particulate emissions observations for the initial compliance demonstration shall be performed in accordance with 40 CFR Part 60, Appendix A, Method 22. During the initial compliance demonstration, the baghouse pressure drop monitoring and visible particulate emissions observations shall be conducted over a time period that is sufficient to establish a representative pressure drop range. The initial compliance demonstration shall be conducted while the woodworking equipment is operating at or near its maximum capacity, unless otherwise specified or approved by the Ohio EPA, Southeast District Office.

II. Operational Restrictions

1. The pressure drop across the baghouse, in inches of water, shall be maintained within the pressure drop range established during the initial compliance demonstration, or any pressure drop range established during subsequent compliance demonstration(s) and approved by the Ohio EPA, Southeast District Office, when the emissions unit is in operation.

The operation of the baghouse outside the range specified above may or may not indicate a mass emission and/or visible emission violation. If required by the Ohio EPA, Southeast District Office, compliance with the mass emission limitation and visible emission limitation shall be determined by performing concurrent mass emission tests and visible emissions observations, using USEPA-approved methods and procedures.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall properly operate and maintain equipment to monitor the pressure drop across the baghouse while the emissions unit is in operation. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across the baghouse on a daily basis.

IV. Reporting Requirements

1. The permittee shall submit quarterly pressure drop deviation (excursion) reports that identify all instances in which the recorded or observed pressure drop across the baghouse was not within the range established during the initial compliance demonstration specified in section A.I.2.a above, or any subsequent range approved by the Ohio EPA, Southeast District Office. The quarterly deviation reports shall be submitted in accordance with General Term and Condition A.1.c.ii.

2. The permittee shall also submit annual reports that specify the total emissions of particulates from this emissions unit for the previous calendar year. The reports shall be submitted by April 15 of each year. This reporting requirement may be satisfied by including and identifying the specific emission data for this emissions unit in the annual Fee Emission Report.

V. Testing Requirements

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

1.a Emission Limitation:

PE shall not exceed 0.010 grain per dry standard cubic foot of exhaust gases or there shall be no visible particulate emissions from the exhaust stack, whichever is less stringent.

Applicable Compliance Method:

If required by the Ohio EPA, compliance with the 0.010 grain per dry standard cubic foot particulate emission limitation shall be demonstrated through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 5; otherwise, compliance shall be demonstrated by the absence of any visible particulate emissions from the baghouse serving this emissions unit using Method 22 of 40 CFR Part 60, Appendix A.

V. Testing Requirements (continued)

1.b Emission Limitation:
Total particulate emissions shall not exceed 7.5 tons per year.

Applicable Compliance Method:
This emission limitation was established in accordance with the following equation:

tons PE/year = (0.010 gr/dscf) x (20000 dscf/min) x (lb/7000 gr) x (60 min/hour) x (ton/2000 lbs) x (8760 hours/year)

The flow rate of 20000 dscf/min represents the maximum flow rate of exhaust gases from the control equipment, based on company-supplied data.

Compliance with this emission limitation may be assumed provided that the permittee complies with the short term emission limitation.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

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

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Handles Building Woodworking Equipment #2 (F011)

Activity Description: Miscellaneous woodworking equipment, exhaust air from baghouse collector returned to building

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Miscellaneous woodworking equipment vented to a baghouse.	OAC rule 3745-31-05(A)(3) (PTI No. 06-05993 issued 11/10/99)	Particulate emissions shall not exceed 0.010 grain per dry standard cubic foot of exhaust gases or there shall be no visible particulate emissions from the exhaust stack, whichever is less stringent. Total particulate emissions shall not exceed 5.6 tons per year.
	OAC rule 3745-17-07(A)	The emission limitations specified by this rule are less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
	OAC rule 3745-17-11(B)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

2.a Within 3 months of the effective date of this permit, the permittee shall conduct an initial demonstration of compliance with the no visible particulate emission limitation that will be correlated to pressure drop records obtained from the baghouse serving this emissions unit. The pressure drop monitoring data collected during the initial compliance demonstration shall be used to establish the appropriate pressure drop range across the baghouse. Daily evaluations of the pressure drop across the baghouse will then be used in lieu of performing periodic visible particulate emissions observations to evaluate ongoing compliance with the visible particulate emission limitation. The visible particulate emissions observations for the initial compliance demonstration shall be performed in accordance with 40 CFR Part 60, Appendix A, Method 22. During the initial compliance demonstration, the baghouse pressure drop monitoring and visible particulate emissions observations shall be conducted over a time period that is sufficient to establish a representative pressure drop range. The initial compliance demonstration shall be conducted while the woodworking equipment is operating at or near its maximum capacity, unless otherwise specified or approved by the Ohio EPA, Southeast District Office.

II. Operational Restrictions

1. The pressure drop across the baghouse, in inches of water, shall be maintained within the pressure drop range established during the initial compliance demonstration, or any pressure drop range established during subsequent compliance demonstration(s) and approved by the Ohio EPA, Southeast District Office, when the emissions unit is in operation.

The operation of the baghouse outside the range specified above may or may not indicate a mass emission and/or visible emission violation. If required by the Ohio EPA, Southeast District Office, compliance with the mass emission limitation and visible emission limitation shall be determined by performing concurrent mass emission tests and visible emissions observations, using USEPA-approved methods and procedures.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall properly operate and maintain equipment to monitor the pressure drop across the baghouse while the emissions unit is in operation. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across the baghouse on a daily basis.

IV. Reporting Requirements

1. The permittee shall submit quarterly pressure drop deviation (excursion) reports that identify all instances in which the recorded or observed pressure drop across the baghouse was not within the range established during the initial compliance demonstration specified in section A.I.2.a above, or any subsequent range approved by the Ohio EPA, Southeast District Office. The quarterly deviation reports shall be submitted in accordance with General Term and Condition A.1.c.ii.

2. The permittee shall also submit annual reports that specify the total emissions of particulates from this emissions unit for the previous calendar year. The reports shall be submitted by April 15 of each year. This reporting requirement may be satisfied by including and identifying the specific emission data for this emissions unit in the annual Fee Emission Report.

V. Testing Requirements

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

1.a Emission Limitation:
Particulate emissions shall not exceed 0.010 grain per dry standard cubic foot of exhaust gases or there shall be no visible particulate emissions from the exhaust stack, whichever is less stringent.

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the 0.010 grain per dry standard cubic foot particulate emission limitation shall be demonstrated through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 5; otherwise, compliance shall be demonstrated by the absence of any visible particulate emissions from the baghouse serving this emissions unit using Method 22 of 40 CFR Part 60, Appendix A.

V. Testing Requirements (continued)

1.b Emission Limitation:
Total particulate emissions shall not exceed 5.6 tons per year.

Applicable Compliance Method:
This emission limitation was established in accordance with the following equation:

tons PE/year = (0.010 gr/dscf) x (15000 dscf/min) x (lb/7000 gr) x (60 min/hour) x (ton/2000 lbs) x (8760 hours/year)

The flow rate of 15000 dscf/min represents the maximum flow rate of exhaust gases from the control equipment, based on company-supplied data.

Compliance with this emission limitation may be assumed provided that the permittee complies with the short term emission limitation.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

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

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Flowcoater #1 (K001)

Activity Description: Conveyerized flowcoater and spin system used to apply water-based stain to wooden items

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Flowcoater #1	OAC rule 3745-31-05(A)(3) (PTI No. 06-2499 issued 9/27/1989)	The organic compound (OC) content of each coating employed in this emissions unit shall not exceed 1.16 pounds per gallon, excluding water. OC emissions from emissions units K001 and K002, combined, shall not exceed 37.5 tons per year. The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-07(G). See section A.I.2.b below.
	OAC rule 3745-21-07(G)(2)	The provisions of OAC rule 3745-21-07(G)(2), shall not apply to this emissions unit pursuant to OAC rule 3745-21-07(G)(9)(c). See section A.I.2.a below.

2. Additional Terms and Conditions

2.a To avoid the emission limitations/control requirements contained in OAC rule 3745-21-07(G)(2), no photochemically reactive materials (i.e., as coatings or cleanup materials) shall be employed in this emissions unit.

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

2.b Note: Water is the only cleanup material used in this emissions unit because the only coatings that are used in this emissions unit are water-based coatings.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each month:

a. the company identification for each coating employed in this emissions unit;

b. whether or not each coating material employed in this emissions unit is a photochemically reactive material;

c. the number of gallons of each coating employed in this emissions unit;

d. the OC content of each coating employed in this emissions unit, in pounds of OC per gallon, excluding water;

e. the OC emission rate for each coating employed in this emissions unit, in pounds;

f. the total OC emission rate for all coatings employed in this emissions unit, in pounds; and

g. the total OC emission rate for all coatings employed in emissions units K001 and K002, in tons.

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

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify all periods of time during which a photochemically reactive material was employed in this emissions unit. These reports shall be submitted within 30 days after the occurrence.

2. The permittee shall notify the Ohio EPA, Southeast District Office in writing of any monthly record showing the use of noncomplying coatings. The notification shall include a copy of such record and shall be sent to the Ohio EPA, Southeast District Office within 30 days following the end of the calendar month.

3. The permittee shall submit annual reports that specify the total OC emissions from emissions units K001 and K002, combined, for the previous calendar year. The reports shall be submitted by April 15 of each year. This reporting requirement may be satisfied by including and identifying the specific emission data for these emissions units in the annual Fee Emission Report.

V. Testing Requirements

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

1.a Emission Limitation:
The OC content of each coating employed in this emissions unit shall not exceed 1.16 pounds per gallon, excluding water.

Applicable Compliance Method:
Compliance shall be demonstrated based upon the record keeping requirements specified in section A.III.1.

Formulation data or USEPA Method 24 shall be used to determine the OC content of the coatings.

1.b Emission Limitation:
OC emissions from emissions units K001 and K002, combined, shall not exceed 37.5 tons per year.

Applicable Compliance Method:
Compliance shall be demonstrated based upon the record keeping requirements specified in section A.III.1.

The annual OC emission rate from emissions units K001 and K002, combined, shall be calculated as the sum of the total monthly OC emission rates for all coatings from emissions units K001 and K002, combined, for the calendar year.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

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

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Flowcoater #2 (K002)

Activity Description: Conveyerized flowcoater and spin system used to apply water-based stain to wooden items

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Flowcoater #2	OAC rule 3745-31-05(A)(3) (PTI No. 06-2499 issued 9/27/1989)	The organic compound (OC) content of each coating employed in this emissions unit shall not exceed 1.16 pounds per gallon, excluding water. OC emissions from emissions units K001 and K002, combined, shall not exceed 37.5 tons per year. The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-07(G). See section A.I.2.b below.
	OAC rule 3745-21-07(G)(2)	The provisions of OAC rule 3745-21-07(G)(2), shall not apply to this emissions unit pursuant to OAC rule 3745-21-07(G)(9)(c). See section A.I.2.a below.

2. Additional Terms and Conditions

2.a To avoid the emission limitations/control requirements contained in OAC rule 3745-21-07(G)(2), no photochemically reactive materials (i.e., as coatings or cleanup materials) shall be employed in this emissions unit.

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

2.b Note: Water is the only cleanup material used in this emissions unit because the only coatings that are used in this emissions unit are water-based coatings.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each month:

a. the company identification for each coating employed in this emissions unit;

b. whether or not each coating material employed in this emissions unit is a photochemically reactive material;

c. the number of gallons of each coating employed in this emissions unit;

d. the OC content of each coating employed in this emissions unit, in pounds of OC per gallon, excluding water;

e. the OC emission rate for each coating employed in this emissions unit, in pounds;

f. the total OC emission rate for all coatings employed in this emissions unit, in pounds; and

g. the total OC emission rate for all coatings employed in emissions units K001 and K002, in tons.

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

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify all periods of time during which a photochemically reactive material was employed in this emissions unit. These reports shall be submitted within 30 days after the occurrence.

2. The permittee shall notify the Ohio EPA, Southeast District Office in writing of any monthly record showing the use of noncomplying coatings. The notification shall include a copy of such record and shall be sent to the Ohio EPA, Southeast District Office within 30 days following the end of the calendar month.

3. The permittee shall submit annual reports that specify the total OC emissions from emissions units K001 and K002, combined, for the previous calendar year. The reports shall be submitted by April 15 of each year. This reporting requirement may be satisfied by including and identifying the specific emission data for these emissions units in the annual Fee Emission Report.

V. Testing Requirements

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

1.a Emission Limitation:
The OC content of each coating employed in this emissions unit shall not exceed 1.16 pounds per gallon, excluding water.

Applicable Compliance Method:
Compliance shall be demonstrated based upon the record keeping requirements specified in section A.III.1.

Formulation data or USEPA Method 24 shall be used to determine the OC content of the coatings.

1.b Emission Limitation:
OC emissions from emissions units K001 and K002, combined, shall not exceed 37.5 tons per year.

Applicable Compliance Method:
Compliance shall be demonstrated based upon the record keeping requirements specified in section A.III.1.

The annual OC emission rate from emissions units K001 and K002, combined, shall be calculated as the sum of the total monthly OC emission rates for all coatings from emissions units K001 and K002, combined, for the calendar year.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

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

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Flowcoater #3 (K003)

Activity Description: Conveyerized flowcoater and spin system used to apply water-based stain to wooden items

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Flowcoater #3	OAC rule 3745-31-05(A)(3) (PTI No. 06-3840 issued 8/18/1993)	The organic compound (OC) content of each coating employed in this emissions unit shall not exceed 1.16 pounds per gallon, excluding water. OC emissions shall not exceed 26.0 tons per year. The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-07(G). See section A.I.2.b below.
	OAC rule 3745-21-07(G)(2)	The provisions of OAC rule 3745-21-07(G)(2), shall not apply to this emissions unit pursuant to OAC rule 3745-21-07(G)(9)(c). See section A.I.2.a below.

2. Additional Terms and Conditions

2.a To avoid the emission limitations/control requirements contained in OAC rule 3745-21-07(G)(2), no photochemically reactive materials (i.e., as coatings or cleanup materials) shall be employed in this emissions unit.

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

2.b Note: Water is the only cleanup material used in this emissions unit because the only coatings that are used in this emissions unit are water-based coatings.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each month:

a. the company identification for each coating employed in this emissions unit;

b. whether or not each coating material employed in this emissions unit is a photochemically reactive material;

c. the number of gallons of each coating employed in this emissions unit;

d. the OC content of each coating employed in this emissions unit, in pounds of OC per gallon, excluding water;

e. the OC emission rate for each coating employed in this emissions unit, in pounds; and

f. the total OC emission rate for all coatings employed in this emissions unit, in tons.

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

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify all periods of time during which a photochemically reactive material was employed in this emissions unit. These reports shall be submitted within 30 days after the occurrence.

2. The permittee shall notify the Ohio EPA, Southeast District Office in writing of any monthly record showing the use of noncomplying coatings. The notification shall include a copy of such record and shall be sent to the Ohio EPA, Southeast District Office within 30 days following the end of the calendar month.

3. The permittee shall submit annual reports that specify the total OC emissions from this emissions unit for the previous calendar year. The reports shall be submitted by April 15 of each year. This reporting requirement may be satisfied by including and identifying the specific emission data for this emissions unit in the annual Fee Emission Report.

V. Testing Requirements

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

1.a Emission Limitation:
The OC content of each coating employed in this emissions unit shall not exceed 1.16 pounds per gallon, excluding water.

Applicable Compliance Method:
Compliance shall be demonstrated based upon the record keeping requirements specified in section A.III.1.

Formulation data or USEPA Method 24 shall be used to determine the OC content of the coatings.

1.b Emission Limitation:
OC emissions shall not exceed 26.0 tons per year.

Applicable Compliance Method:
Compliance shall be demonstrated based upon the record keeping requirements specified in section A.III.1.

The annual OC emission rate for this emissions unit shall be calculated as the sum of the total monthly OC emission rates for all coatings for the calendar year.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

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

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: WoodCrafts Dip Stain Operation (K005)

Activity Description: Dipping operation used to apply water-based stain to wooden items

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
woodcrafts dip stain operation	OAC rule 3745-31-05(A)(3) (PTI No. 06-4391 issued 3/29/95)	The organic compound (OC) content of each coating employed in this emissions unit shall not exceed 1.16 pounds per gallon, excluding water. OC emissions shall not exceed 1.3 tons per year. The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-07(G). See section A.I.2.b below.
	OAC rule 3745-21-07(G)(2)	The provisions of OAC rule 3745-21-07(G)(2), shall not apply to this emissions unit pursuant to OAC rule 3745-21-07(G)(9)(c). See section A.I.2.a below.

2. Additional Terms and Conditions

2.a To avoid the emission limitations/control requirements contained in OAC rule 3745-21-07(G)(2), no photochemically reactive materials (i.e., as coatings or cleanup materials) shall be employed in this emissions unit.

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

2.b Note: Water is the only cleanup material used in this emissions unit because the only coatings that are used in this emissions unit are water-based coatings.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each month:

a. the company identification for each coating employed in this emissions unit;

b. whether or not each coating material employed in this emissions unit is a photochemically reactive material;

c. the number of gallons of each coating employed in this emissions unit;

d. the OC content of each coating employed in this emissions unit, in pounds of OC per gallon, excluding water;

e. the OC emission rate for each coating employed in this emissions unit, in pounds; and

f. the total OC emission rate for all coatings employed in this emissions unit, in tons.

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

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify all periods of time during which a photochemically reactive material was employed in this emissions unit. These reports shall be submitted within 30 days after the occurrence.

2. The permittee shall notify the Ohio EPA, Southeast District Office in writing of any monthly record showing the use of noncomplying coatings. The notification shall include a copy of such record and shall be sent to the Ohio EPA, Southeast District Office within 30 days following the end of the calendar month.

3. The permittee shall submit annual reports that specify the total OC emissions from this emissions unit for the previous calendar year. The reports shall be submitted by April 15 of each year. This reporting requirement may be satisfied by including and identifying the specific emission data for this emissions unit in the annual Fee Emission Report.

V. Testing Requirements

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

1.a Emission Limitation:
The OC content of each coating employed in this emissions unit shall not exceed 1.16 pounds per gallon, excluding water.

Applicable Compliance Method:
Compliance shall be demonstrated based upon the record keeping requirements specified in section A.III.1.

Formulation data or USEPA Method 24 shall be used to determine the OC content of the coatings.

1.b Emission Limitation:
OC emissions shall not exceed 1.3 tons per year.

Applicable Compliance Method:
Compliance shall be demonstrated based upon the record keeping requirements specified in section A.III.1.

The annual OC emission rate for this emissions unit shall be calculated as the sum of the total monthly OC emission rates for all coatings for the calendar year.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

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

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Flowcoater #4 (K006)

Activity Description: Conveyerized flowcoater and spin system used to apply water-based stain to wooden items

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Flowcoater #4	OAC rule 3745-31-05(A)(3) (PTI No. 06-4851 issued 5/30/96)	The organic compound (OC) content of each coating employed in this emissions unit shall not exceed 1.16 pounds per gallon, excluding water. OC emissions shall not exceed 26.0 tons per year. The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-07(G). See section A.I.2.b below.
	OAC rule 3745-21-07(G)(2)	The provisions of OAC rule 3745-21-07(G)(2), shall not apply to this emissions unit pursuant to OAC rule 3745-21-07(G)(9)(c). See section A.I.2.a below.

2. Additional Terms and Conditions

2.a To avoid the emission limitations/control requirements contained in OAC rule 3745-21-07(G)(2), no photochemically reactive materials (i.e., as coatings or cleanup materials) shall be employed in this emissions unit.

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

2.b Note: Water is the only cleanup material used in this emissions unit because the only coatings that are used in this emissions unit are water-based coatings.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each month:

a. the company identification for each coating employed in this emissions unit;

b. whether or not each coating material employed in this emissions unit is a photochemically reactive material;

c. the number of gallons of each coating employed in this emissions unit;

d. the OC content of each coating employed in this emissions unit, in pounds of OC per gallon, excluding water;

e. the OC emission rate for each coating employed in this emissions unit, in pounds; and

f. the total OC emission rate for all coatings employed in this emissions unit, in tons.

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

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify all periods of time during which a photochemically reactive material was employed in this emissions unit. These reports shall be submitted within 30 days after the occurrence.

2. The permittee shall notify the Ohio EPA, Southeast District Office in writing of any monthly record showing the use of noncomplying coatings. The notification shall include a copy of such record and shall be sent to the Ohio EPA, Southeast District Office within 30 days following the end of the calendar month.

3. The permittee shall submit annual reports that specify the total OC emissions from this emissions unit for the previous calendar year. The reports shall be submitted by April 15 of each year. This reporting requirement may be satisfied by including and identifying the specific emission data for this emissions unit in the annual Fee Emission Report.

V. Testing Requirements

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

1.a Emission Limitation:
The OC content of each coating employed in this emissions unit shall not exceed 1.16 pounds per gallon, excluding water.

Applicable Compliance Method:
Compliance shall be demonstrated based upon the record keeping requirements specified in section A.III.1.

Formulation data or USEPA Method 24 shall be used to determine the OC content of the coatings.

1.b Emission Limitation:
OC emissions shall not exceed 26.0 tons per year.

Applicable Compliance Method:
Compliance shall be demonstrated based upon the record keeping requirements specified in section A.III.1.

The annual OC emission rate for this emissions unit shall be calculated as the sum of the total monthly OC emission rates for all coatings for the calendar year.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

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

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Large Item WoodCrafts Dip Stain Operation (K007)

Activity Description: Dipping operation used to apply water-based stain to wooden items

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
large item woodcrafts dip stain operation	OAC rule 3745-31-05(A)(3) (PTI No. 06-4999 issued 12/24/96)	The organic compound (OC) content of each coating employed in this emissions unit shall not exceed 1.16 pounds per gallon, excluding water. OC emissions shall not exceed 3.2 tons per year. The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-07(G). See section A.I.2.b below.
	OAC rule 3745-21-07(G)(2)	The provisions of OAC rule 3745-21-07(G)(2), shall not apply to this emissions unit pursuant to OAC rule 3745-21-07(G)(9)(c). See section A.I.2.a below.

2. Additional Terms and Conditions

2.a To avoid the emission limitations/control requirements contained in OAC rule 3745-21-07(G)(2), no photochemically reactive materials (i.e., as coatings or cleanup materials) shall be employed in this emissions unit.

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

2.b Note: Water is the only cleanup material used in this emissions unit because the only coatings that are used in this emissions unit are water-based coatings.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each month:

a. the company identification for each coating employed in this emissions unit;

b. whether or not each coating material employed in this emissions unit is a photochemically reactive material;

c. the number of gallons of each coating employed in this emissions unit;

d. the OC content of each coating employed in this emissions unit, in pounds per gallon, excluding water;

e. the OC emission rate for each coating employed in this emissions unit, in pounds; and

f. the total OC emission rate for all coatings employed in this emissions unit, in tons.

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

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify all periods of time during which a photochemically reactive material was employed in this emissions unit. These reports shall be submitted within 30 days after the occurrence.

2. The permittee shall notify the Ohio EPA, Southeast District Office in writing of any monthly record showing the use of noncomplying coatings. The notification shall include a copy of such record and shall be sent to the Ohio EPA, Southeast District Office within 30 days following the end of the calendar month.

3. The permittee shall submit annual reports that specify the total OC emissions from this emissions unit for the previous calendar year. The reports shall be submitted by April 15 of each year. This reporting requirement may be satisfied by including and identifying the specific emission data for this emissions unit in the annual Fee Emission Report.

V. Testing Requirements

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

1.a Emission Limitation:
The OC content of each coating employed in this emissions unit shall not exceed 1.16 pounds per gallon, excluding water.

Applicable Compliance Method:
Compliance shall be demonstrated based upon the record keeping requirements specified in section A.III.1.

Formulation data or USEPA Method 24 shall be used to determine the OC content of the coatings.

1.b Emission Limitation:
OC emissions shall not exceed 3.2 tons per year.

Applicable Compliance Method:
Compliance shall be demonstrated based upon the record keeping requirements specified in section A.III.1.

The annual OC emission rate for this emissions unit shall be calculated as the sum of the total monthly OC emission rates for all coatings for the calendar year.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

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

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Colored Stain Machine #1 (K008)

Activity Description: Rotating-drum type machine used to apply colored stain (not brown) to weaving material

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
colored stain machine - Machine #1	OAC rule 3745-31-05(A)(3) (PTI No. 06-05313 as modified 2/26/02)	The organic compound (OC) content of each coating employed in this emissions unit shall not exceed 2.2 pounds OC per gallon, excluding water. OC emissions shall not exceed 43.92 pounds per day. OC emissions shall not exceed 8.02 tons per year. The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-07(G)(2). See section A.I.2.b below.
	OAC rule 3745-21-07(G)	The provisions of OAC rule 3745-21-07(G)(2) shall not apply to this emissions unit pursuant to OAC rule 3745-21-07(G)(9)(c). See section A.I.2.a below.

2. Additional Terms and Conditions

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

2.b Water shall be the only cleanup material used in this emissions unit.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each day for the coating operation:

a. the company identification for each coating;

b. whether or not each coating material employed in this emissions unit is a photochemically reactive material;

c. the number of gallons of each coating employed;

d. the OC content of each coating, in pounds per gallon, excluding water;

e. the OC emission rate for each coating, in pounds; and

f. the total OC emission rate for all coatings, in pounds.

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

IV. Reporting Requirements

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

a. all periods of time during which a photochemically reactive material was employed in this emissions unit;

b. all periods of time during which a coating with an OC content greater than 2.2 pounds per gallon, excluding water was employed in this emissions unit; and

c. an identifiaction of each day during which the OC emissions exceeded 43.92 pounds per day, and the actual OC emissions for each such day.

These reports shall be submitted within 30 days after the deviation(s) occurred.

If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report that states 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.

2. The permittee shall submit annual reports that specify the total OC emissions for this emissions unit for the previous calendar year. The reports shall be submitted by April 15 of each year. This reporting requirement may be satisfied by including and identifying the specific emission data for this emissions unit in the annual Fee Emission Report.

V. Testing Requirements

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

1.a Emission Limitation:
The OC content of each coating employed in this emissions unit shall not exceed 2.2 pounds per gallon, excluding water.

Applicable Compliance Method:
Compliance shall be demonstrated based upon the record keeping requirements specified in section A.III.1. Formulation data or USEPA Method 24 shall be used to determine the OC contents of the coatings.

V. Testing Requirements (continued)

1.b Emission Limitation:
OC emissions shall not exceed 43.92 pounds per day.

Applicable Compliance Method:
Compliance shall be demonstrated based upon the record keeping requirements specified in section A.III.1.

1.c Emission Limitation:
OC emissions shall not exceed 8.02 tons per year.

Applicable Compliance Method:
Compliance shall be demonstrated based upon the record keeping requirements specified in section A.III.1.

The annual OC emission rate for this emissions unit shall be calculated as the sum of the total daily OC emission rates for all coatings for the calendar year.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

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

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Colored Stain Machine #2 (K009)

Activity Description: Rotating-drum type machine used to apply colored stain (not brown) to weaving material

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
colored stain machine - Machine #2	OAC rule 3745-31-05(A)(3) (PTI No. 06-05313 as modified 2/26/02)	The organic compound (OC) content of each coating employed in this emissions unit shall not exceed 2.2 pounds OC per gallon, excluding water. OC emissions shall not exceed 43.92 pounds per day. OC emissions shall not exceed 8.02 tons per year. The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-07(G)(2). See section A.I.2.b below.
	OAC rule 3745-21-07(G)	The provisions of OAC rule 3745-21-07(G)(2) shall not apply to this emissions unit pursuant to OAC rule 3745-21-07(G)(9)(c). See section A.I.2.a below.

2. Additional Terms and Conditions

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

2.b Water shall be the only cleanup material used in this emissions unit.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each day for the coating operation:

a. the company identification for each coating;

b. whether or not each coating material employed in this emissions unit is a photochemically reactive material;

c. the number of gallons of each coating employed;

d. the OC content of each coating, in pounds per gallon, excluding water;

e. the OC emission rate for each coating, in pounds; and

f. the total OC emission rate for all coatings, in pounds.

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

IV. Reporting Requirements

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

a. all periods of time during which a photochemically reactive material was employed in this emissions unit;

b. all periods of time during which a coating with an OC content greater than 2.2 pounds per gallon, excluding water was employed in this emissions unit; and

c. an identifiaction of each day during which the OC emissions exceeded 43.92 pounds per day, and the actual OC emissions for each such day.

These reports shall be submitted within 30 days after the deviation(s) occurred.

If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report that states 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.

2. The permittee shall submit annual reports that specify the total OC emissions for this emissions unit for the previous calendar year. The reports shall be submitted by April 15 of each year. This reporting requirement may be satisfied by including and identifying the specific emission data for this emissions unit in the annual Fee Emission Report.

V. Testing Requirements

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

1.a Emission Limitation:
The OC content of each coating employed in this emissions unit shall not exceed 2.2 pounds per gallon, excluding water.

Applicable Compliance Method:
Compliance shall be demonstrated based upon the record keeping requirements specified in section A.III.1. Formulation data or USEPA Method 24 shall be used to determine the OC contents of the coatings.

V. Testing Requirements (continued)

1.b Emission Limitation:
OC emissions shall not exceed 43.92 pounds per day.

Applicable Compliance Method:
Compliance shall be demonstrated based upon the record keeping requirements specified in section A.III.1.

1.c Emission Limitation:
OC emissions shall not exceed 8.02 tons per year.

Applicable Compliance Method:
Compliance shall be demonstrated based upon the record keeping requirements specified in section A.III.1.

The annual OC emission rate for this emissions unit shall be calculated as the sum of the total daily OC emission rates for all coatings for the calendar year.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

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

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Colored Stain Machine #3 (K010)

Activity Description: Rotating-drum type machine used to apply colored stain (not brown) to weaving material

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
colored stain machine - Machine #3	OAC rule 3745-31-05(A)(3) (PTI No. 06-05700 as modified 2/26/02)	The organic compound (OC) content of each coating employed in this emissions unit shall not exceed 2.2 pounds OC per gallon, excluding water. OC emissions shall not exceed 43.92 pounds per day. OC emissions shall not exceed 8.02 tons per year. The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-07(G)(2). See section A.I.2.b below.
	OAC rule 3745-21-07(G)	The provisions of OAC rule 3745-21-07(G)(2) shall not apply to this emissions unit pursuant to OAC rule 3745-21-07(G)(9)(c). See section A.I.2.a below.

2. Additional Terms and Conditions

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

2.b Water shall be the only cleanup material used in this emissions unit.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each day for the coating operation:

a. the company identification for each coating;

b. whether or not each coating material employed in this emissions unit is a photochemically reactive material;

c. the number of gallons of each coating employed;

d. the OC content of each coating, in pounds per gallon, excluding water;

e. the OC emission rate for each coating, in pounds; and

f. the total OC emission rate for all coatings, in pounds.

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

IV. Reporting Requirements

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

a. all periods of time during which a photochemically reactive material was employed in this emissions unit;

b. all periods of time during which a coating with an OC content greater than 2.2 pounds per gallon, excluding water was employed in this emissions unit; and

c. an identifiaction of each day during which the OC emissions exceeded 43.92 pounds per day, and the actual OC emissions for each such day.

These reports shall be submitted within 30 days after the deviation(s) occurred.

If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report that states 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.

2. The permittee shall submit annual reports that specify the total OC emissions for this emissions unit for the previous calendar year. The reports shall be submitted by April 15 of each year. This reporting requirement may be satisfied by including and identifying the specific emission data for this emissions unit in the annual Fee Emission Report.

V. Testing Requirements

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

1.a Emission Limitation:
The OC content of each coating employed in this emissions unit shall not exceed 2.2 pounds per gallon, excluding water.

Applicable Compliance Method:
Compliance shall be demonstrated based upon the record keeping requirements specified in section A.III.1. Formulation data or USEPA Method 24 shall be used to determine the OC contents of the coatings.

V. Testing Requirements (continued)

1.b Emission Limitation:
OC emissions shall not exceed 43.92 pounds per day.

Applicable Compliance Method:
Compliance shall be demonstrated based upon the record keeping requirements specified in section A.III.1.

1.c Emission Limitation:
OC emissions shall not exceed 8.02 tons per year.

Applicable Compliance Method:
Compliance shall be demonstrated based upon the record keeping requirements specified in section A.III.1.

The annual OC emission rate for this emissions unit shall be calculated as the sum of the total daily OC emission rates for all coatings for the calendar year.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

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

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Flowcoater #5 - Staining Cell #1 (K011)

Activity Description: Conveyerized flowcoater and drying system used to apply and dry water-based stain on wooden items

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Flowcoater #5 (prototype) - Staining Cell #1	OAC rule 3745-31-05(A)(3) (PTI No. 06-06557 as modified 5/21/2002)	Organic compound (OC) emissions shall not exceed 60.2 pounds per day OC emissions shall not exceed 11 tons per year. The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-07(G). See section A.I.2.b below.
	OAC rule 3745-21-07(G)(2)	The provisions of OAC rule 3745-21-07(G)(2), shall not apply to this emissions unit pursuant to OAC rule 3745-21-07(G)(9)(c). See section A.I.2.a below.

2. Additional Terms and Conditions

2.a To avoid the emission limitations/control requirements contained in OAC rule 3745-21-07(G)(2), no photochemically reactive materials (i.e., as coatings/stains or cleanup materials) shall be employed in this emissions unit.

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

2.b Note: Water is the only cleanup material used in this emissions unit because the only coatings that are used in this emissions unit are water-based coatings.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

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

a. the company identification for each coating applied;

b. whether or not each coating material employed in this emissions unit is a photochemically reactive material;

c. the number of gallons of each coating employed;

d. the OC content of each coating, in pounds per gallon, excluding water;

e. the OC emission rate for each coating, in pounds, i.e. (c) x (d); and

f. the total OC emission rate for all coatings employed, in pounds.

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

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify all periods of time during which a photochemically reactive material was employed in this emissions unit. These reports shall be submitted within 30 days after the occurrence.

2. The permittee shall submit deviation (excursion) reports that identify any day during which OC emissions exceeded 60.2 pounds per day. This report shall be submitted by the 30th day of the month following the exceedance.

3. The permittee shall submit annual reports that specify the total OC emissions for this emissions unit for the previous calendar year. The reports shall be submitted by April 15 of each year. This reporting requirement may be satisfied by including and identifying the specific emission data for this emissions unit in the annual Fee Emission Report.

V. Testing Requirements

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

1.a Emission Limitation:
OC emissions shall not exceed 60.2 pounds per day.

Applicable Compliance Method:
Compliance shall be demonstrated based upon the record keeping requirements specified in section A.III.1. Formulation data or USEPA Method 24 shall be used to determine the OC content of the coatings.

1.b Emission Limitation:
OC emissions shall not exceed 11.0 tons per year.

Applicable Compliance Method:
Compliance shall be demonstrated based upon the record keeping requirements specified in section A.III.1.

The annual OC emission rate for this emissions unit shall be calculated as the sum of the total daily OC emission rates for all coatings applied during the calendar year.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Flowcoater #5 (prototype) - Staining Cell #1		See section B.III.1.

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permit to install for this emissions unit (K011) was evaluated based on the actual materials (typically coatings and cleanup materials) and the design parameters of the emissions unit's exhaust system, as specified by the permittee in the permit to install application. The Ohio EPA's "Review of New Sources of Air Toxic Emissions" policy ("Air Toxic Policy") was applied for each pollutant emitted by this emissions unit using data from the permit to install application and the SCREEN 3.0 model (or other Ohio EPA approved model). The predicted 1-hour maximum ground-level concentration from the use of the SCREEN 3.0 model was compared to the Maximum Acceptable Ground-Level Concentration (MAGLC). The following summarizes the results of the modeling for the "worst case" pollutant(s):

Pollutant: 2 - butoxyethanol

TLV (mg/m3): 96,667

Maximum Hourly Emission Rate (lbs/hr): 2.51

Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 5.595 at 699 meters

MAGLC (ug/m3): 2,301.60

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

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

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

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

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

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

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

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

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

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

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Colored Stain Machine #4 (K012)

Activity Description: Rotating-drum type machine used to apply colored stain (not brown) to weaving material

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
colored stain machine - Machine #4	OAC rule 3745-31-05(A)(3) (PTI No. 06-06771 as modified 2/19/02)	The organic compound (OC) content of each coating employed in this emissions unit shall not exceed 2.2 pounds OC per gallon, excluding water. OC emissions shall not exceed 43.92 pounds per day. OC emissions shall not exceed 8.02 tons per year. The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-07(G)(2). See section A.I.2.b below.
	OAC rule 3745-21-07(G)	The provisions of OAC rule 3745-21-07(G)(2) shall not apply to this emissions unit pursuant to OAC rule 3745-21-07(G)(9)(c). See section A.I.2.a below.

2. Additional Terms and Conditions

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

2.b Water shall be the only cleanup material used in this emissions unit.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each day for the coating operation:

a. the company identification for each coating;

b. whether or not each coating material employed in this emissions unit is a photochemically reactive material;

c. the number of gallons of each coating employed;

d. the OC content of each coating, in pounds per gallon, excluding water;

e. the OC emission rate for each coating, in pounds; and

f. the total OC emission rate for all coatings, in pounds.

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

IV. Reporting Requirements

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

a. all periods of time during which a photochemically reactive material was employed in this emissions unit;

b. all periods of time during which a coating with an OC content greater than 2.2 pounds per gallon, excluding water was employed in this emissions unit; and

c. an identifiaction of each day during which the OC emissions exceeded 43.92 pounds per day, and the actual OC emissions for each such day.

These reports shall be submitted within 30 days after the deviation(s) occurred.

If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report that states 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.

2. The permittee shall submit annual reports that specify the total OC emissions for this emissions unit for the previous calendar year. The reports shall be submitted by April 15 of each year. This reporting requirement may be satisfied by including and identifying the specific emission data for this emissions unit in the annual Fee Emission Report.

V. Testing Requirements

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

1.a Emission Limitation:
The OC content of each coating employed in this emissions unit shall not exceed 2.2 pounds per gallon, excluding water.

Applicable Compliance Method:
Compliance shall be demonstrated based upon the record keeping requirements specified in section A.III.1. Formulation data or USEPA Method 24 shall be used to determine the OC contents of the coatings.

V. Testing Requirements (continued)

1.b Emission Limitation:
OC emissions shall not exceed 43.92 pounds per day.

Applicable Compliance Method:
Compliance shall be demonstrated based upon the record keeping requirements specified in section A.III.1.

1.c Emission Limitation:
OC emissions shall not exceed 8.02 tons per year.

Applicable Compliance Method:
Compliance shall be demonstrated based upon the record keeping requirements specified in section A.III.1.

The annual OC emission rate for this emissions unit shall be calculated as the sum of the total daily OC emission rates for all coatings for the calendar year.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

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

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Colored Stain Machine #5 (K013)

Activity Description: Rotating-drum type machine used to apply colored stain (not brown) to weaving material

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
colored stain machine - Machine #5	OAC rule 3745-31-05(A)(3) (PTI No. 06-06771 as modified 2/19/02)	The organic compound (OC) content of each coating employed in this emissions unit shall not exceed 2.2 pounds OC per gallon, excluding water. OC emissions shall not exceed 43.92 pounds per day. OC emissions shall not exceed 8.02 tons per year. The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-07(G)(2). See section A.I.2.b below.
	OAC rule 3745-21-07(G)	The provisions of OAC rule 3745-21-07(G)(2) shall not apply to this emissions unit pursuant to OAC rule 3745-21-07(G)(9)(c). See section A.I.2.a below.

2. Additional Terms and Conditions

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

2.b Water shall be the only cleanup material used in this emissions unit.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each day for the coating operation:

a. the company identification for each coating;

b. whether or not each coating material employed in this emissions unit is a photochemically reactive material;

c. the number of gallons of each coating employed;

d. the OC content of each coating, in pounds per gallon, excluding water;

e. the OC emission rate for each coating, in pounds; and

f. the total OC emission rate for all coatings, in pounds.

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

IV. Reporting Requirements

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

a. all periods of time during which a photochemically reactive material was employed in this emissions unit;

b. all periods of time during which a coating with an OC content greater than 2.2 pounds per gallon, excluding water was employed in this emissions unit; and

c. an identifiaction of each day during which the OC emissions exceeded 43.92 pounds per day, and the actual OC emissions for each such day.

These reports shall be submitted within 30 days after the deviation(s) occurred.

If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report that states 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.

2. The permittee shall submit annual reports that specify the total OC emissions for this emissions unit for the previous calendar year. The reports shall be submitted by April 15 of each year. This reporting requirement may be satisfied by including and identifying the specific emission data for this emissions unit in the annual Fee Emission Report.

V. Testing Requirements

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

1.a Emission Limitation:
The OC content of each coating employed in this emissions unit shall not exceed 2.2 pounds per gallon, excluding water.

Applicable Compliance Method:
Compliance shall be demonstrated based upon the record keeping requirements specified in section A.III.1. Formulation data or USEPA Method 24 shall be used to determine the OC contents of the coatings.

V. Testing Requirements (continued)

1.b Emission Limitation:
OC emissions shall not exceed 43.92 pounds per day.

Applicable Compliance Method:
Compliance shall be demonstrated based upon the record keeping requirements specified in section A.III.1.

1.c Emission Limitation:
OC emissions shall not exceed 8.02 tons per year.

Applicable Compliance Method:
Compliance shall be demonstrated based upon the record keeping requirements specified in section A.III.1.

The annual OC emission rate for this emissions unit shall be calculated as the sum of the total daily OC emission rates for all coatings for the calendar year.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

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

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Colored Stain Machine #6 (K014)

Activity Description: Rotating-drum type machine used to apply colored stain (not brown) to weaving material

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
colored stain machine - Machine #6	OAC rule 3745-31-05(A)(3) (PTI No. 06-06771 as modified 2/19/02)	The organic compound (OC) content of each coating employed in this emissions unit shall not exceed 2.2 pounds OC per gallon, excluding water. OC emissions shall not exceed 43.92 pounds per day. OC emissions shall not exceed 8.02 tons per year. The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-07(G)(2). See section A.I.2.b below.
	OAC rule 3745-21-07(G)	The provisions of OAC rule 3745-21-07(G)(2) shall not apply to this emissions unit pursuant to OAC rule 3745-21-07(G)(9)(c). See section A.I.2.a below.

2. Additional Terms and Conditions

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

2.b Water shall be the only cleanup material used in this emissions unit.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each day for the coating operation:

a. the company identification for each coating;

b. whether or not each coating material employed in this emissions unit is a photochemically reactive material;

c. the number of gallons of each coating employed;

d. the OC content of each coating, in pounds per gallon, excluding water;

e. the OC emission rate for each coating, in pounds; and

f. the total OC emission rate for all coatings, in pounds.

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

IV. Reporting Requirements

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

a. all periods of time during which a photochemically reactive material was employed in this emissions unit;

b. all periods of time during which a coating with an OC content greater than 2.2 pounds per gallon, excluding water was employed in this emissions unit; and

c. an identifiaction of each day during which the OC emissions exceeded 43.92 pounds per day, and the actual OC emissions for each such day.

These reports shall be submitted within 30 days after the deviation(s) occurred.

If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report that states 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.

2. The permittee shall submit annual reports that specify the total OC emissions for this emissions unit for the previous calendar year. The reports shall be submitted by April 15 of each year. This reporting requirement may be satisfied by including and identifying the specific emission data for this emissions unit in the annual Fee Emission Report.

V. Testing Requirements

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

1.a Emission Limitation:
The OC content of each coating employed in this emissions unit shall not exceed 2.2 pounds per gallon, excluding water.

Applicable Compliance Method:
Compliance shall be demonstrated based upon the record keeping requirements specified in section A.III.1. Formulation data or USEPA Method 24 shall be used to determine the OC contents of the coatings.

V. Testing Requirements (continued)

1.b Emission Limitation:
OC emissions shall not exceed 43.92 pounds per day.

Applicable Compliance Method:
Compliance shall be demonstrated based upon the record keeping requirements specified in section A.III.1.

1.c Emission Limitation:
OC emissions shall not exceed 8.02 tons per year.

Applicable Compliance Method:
Compliance shall be demonstrated based upon the record keeping requirements specified in section A.III.1.

The annual OC emission rate for this emissions unit shall be calculated as the sum of the total daily OC emission rates for all coatings for the calendar year.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

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

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: WoodCrafts Spray Booth & Drying Area #1 (R002)

Activity Description: Conveyerized spray booth & drying operation used to apply water-based finish to wooden items

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Woodcrafts spray booth with filter and drying area.	OAC rule 3745-31-05(A)(3) (PTI No. 06-04391 issued 3/29/1995)	The organic compound (OC) content of each coating employed in this emissions unit shall not exceed 2.6 pounds OC per gallon, excluding water. OC emissions from this emissions unit shall not exceed 7.0 tons per year. Particulate emissions shall not exceed 2.4 tons per year. The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-11(B), 3745-17-07(A), and 3745-21-07(G)(2). See sections A.I.2.b and A.II.1 below.
	OAC rule 3745-21-07(G)	The provisions of OAC rule 3745-21-07(G)(2) shall not apply to this emissions unit pursuant to OAC rule 3745-21-07(G)(9)(c). See section A.I.2.a below.
	OAC rule 3745-17-07(A)	Visible particulate emissions from any stack shall not exceed 20% opacity as a 6-minute average, except as provide by the rule.
	OAC rule 3745-17-11(B)	Particulate emissions shall not exceed 0.551 pound per hour.

2. Additional Terms and Conditions

2.a The permittee shall not employ any photochemically reactive materials, as defined in OAC rule 3745-21-01(C)(5), in this emissions unit.

2.b Note: Water is the only cleanup material used in this emissions unit because the only coatings that are used in this emissions unit are water-based coatings.

II. Operational Restrictions

1. The permittee shall employ a spray booth filter having a design control efficiency for particulates greater than 98% during any operation of this emissions unit.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each month:

a. the company identification for each coating;

b. whether or not each coating material employed in this emissions unit is a photochemically reactive material;

c. the number of gallons of each coating employed;

d. the OC content of each coating, in pounds per gallon, excluding water;

e. the OC emission rate for each coating, in pounds; and

f. the total OC emission rate for all coatings, in pounds.

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

2. The permittee shall maintain daily records that document any time periods when the spray booth filter was not in service when the emissions unit was in operation.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify all periods of time during which a photochemically reactive material was employed in this emissions unit. These reports shall be submitted within 30 days after the occurrence.

2. The permittee shall notify the Ohio EPA, Southeast District Office in writing of any monthly record showing the use of noncomplying coatings. The notification shall include a copy of such record and shall be sent to the Ohio EPA, Southeast District Office within 30 days following the end of the calendar month.

3. The permittee shall notify the Ohio EPA, Southeast District Office in writing of any daily record showing that the spray booth filter was not in service when the emissions unit was in operation. The notification shall include a copy of such record and shall be sent to the Ohio EPA, Southeast District Office within 30 days after the event occurs.

4. The permittee shall submit annual reports that specify the total OC and particulate emissions for this emissions unit for the previous calendar year. The reports shall be submitted by April 15 of each year. This reporting requirement may be satisfied by including and identifying the specific emission data for this emissions unit in the annual Fee Emission Report.

V. Testing Requirements

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

V. Testing Requirements (continued)

1.a Emission Limitation:
The organic compound (OC) content of each coating employed in this emissions unit shall not exceed 2.6 pounds per gallon, excluding water.

Applicable Compliance Method:
Compliance shall be demonstrated based upon the record keeping requirements specified in section A.III.1.

Formulation data or USEPA Method 24 shall be used to determine the OC content of the coatings.

1.b Emission Limitation:
OC emissions from this emissions unit shall not exceed 7.0 tons per year.

Applicable Compliance Method:
Compliance shall be demonstrated based upon the record keeping requirements specified in section A.III.1.

The annual OC emission rate for this emissions unit shall be calculated as the sum of the total monthly OC emission rates for all coatings for the calendar year.

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

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

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

where:

E = particulate emission rate (lbs/hr)

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

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

CE = control efficiency of the control equipment - If more than one piece of control equipment is used in series, the equation should be multiplied by additional (1-CE) terms for each additional piece of equipment.

If required, the permittee shall demonstrate compliance with this emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 5 and the procedures specified in OAC rule 3745-17-03(B)(10).

1.d Emission Limitation:
Particulate emissions shall not exceed 2.4 tons per year.

Applicable Compliance Method:
This emission limitation was established by multiplying the hourly allowable emission rate for particulates (0.551 lb/hr) by the maximum annual hours of operation, and the conversion factor as follows:

(0.551 lb/hr)(8760 hrs/yr)(0.0005 ton/lb) = 2.4 tons/yr

Compliance with this emission limitation may be assumed provided that the permittee complies with the short term emission limitation.

V. Testing Requirements (continued)

1.e Emission Limitation:
Visible particulate emissions from any stack shall not exceed 20% opacity as a 6-minute average, except as provide by the rule.

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

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

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

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: WoodCrafts Flat Line Finish System (R004)

Activity Description: Flat line finish system with sanding, spraying and drying sections, employing water-based finishes

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
flat line spray system	OAC rule 3745-31-05(A)(3) (PTI No. 06-05658 issued 2/18/1999)	OC emissions from this emissions unit shall not exceed 99.4 pounds per day. OC emissions shall not exceed 18.0 tons per year. Particulate emissions shall not exceed 2.4 tons per year. The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-11(B), 3745-17-07(A), and 3745-21-07(G). See sections A.I.2.b and A.II.1 below.
	OAC rule 3745-17-07(A)	Visible particulate emissions from any stack shall not exceed 20% opacity as a 6-minute average, except as provide by the rule.
	OAC rule 3745-17-11(B)	Particulate emissions shall not exceed 0.551 pound per hour.
	OAC rule 3745-21-07(G)	The provisions of OAC rule 3745-21-07(G)(2) shall not apply to this emissions unit pursuant to OAC rule 3745-21-07(G)(9)(c). See section A.I.2.a below.

2. Additional Terms and Conditions

2.a To avoid the emission limitations/control requirements contained in OAC rule 3745-21-07(G)(2), no photochemically reactive materials (i.e., as coatings or cleanup materials) shall be employed in this emissions unit.

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

2.b Note: Water is the only cleanup material used in this emissions unit because the only coatings that are used in this emissions unit are water-based coatings.

II. Operational Restrictions

1. The permittee shall employ a spray booth filter having a design control efficiency for particulates greater than 98% during any operation of the emissions unit.

III. Monitoring and/or Record Keeping Requirements

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

a. the company identification for each coating;

b. whether or not each coating material employed in this emissions unit is a photochemically reactive material;

c. the number of gallons of each coating employed;

d. the OC content of each coating, in pounds per gallon, excluding water;

e. the OC emission rate for each coating, in pounds;

f. the total OC emission rate for all coatings, in pounds; and

g. any time periods when the spray booth filter was not in service when the emissions unit was in operation.

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

IV. Reporting Requirements

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

a. all periods of time during which a photochemically reactive material was employed in this emissions unit;

b. an identifiaction of each day during which the OC emissions exceeded 99.4 pounds per day, and the actual OC emissions for each such day; and

c. any daily record showing that the spray booth filter was not in service when the emissions unit was in operation.

These reports shall be submitted within 30 days after the deviation(s) occurred.

2. The permittee shall submit annual reports that specify the total OC and particulate emissions from this emissions unit for the previous calendar year. These reports shall be submitted by April 15 of each year. This reporting requirement may be satisfied by including and identifying the specific emission data for this emissions unit in the annual Fee Emission Report.

V. Testing Requirements

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

1.a Emission Limitation:
OC emissions from this emissions unit shall not exceed 99.4 pounds per day.

Applicable Compliance Method:
Compliance shall be determined based upon the daily record keeping requirements in Section A.III.1 of these terms and conditions. Formulation data or USEPA Method 24 shall be used to determine the OC content of the coatings/stains.

1.b Emission Limitation:
OC emissions shall not exceed 18.0 tons per year.

Applicable Compliance Method:
Compliance shall be demonstrated based upon the record keeping requirements specified in section A.III.1.

The annual OC emission rate for this emissions unit shall be calculated as the sum of the total daily OC emission rates for all coatings for the calendar year.

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

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

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

where:

E = particulate emission rate (lbs/hr)

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

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

CE = control efficiency of the control equipment - If more than one piece of control equipment is used in series, the equation should be multiplied by additional (1-CE) terms for each additional piece of equipment.

If required, the permittee shall demonstrate compliance with this emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 5 and the procedures specified in OAC rule 3745-17-03(B)(10).

1.d Emission Limitation:
Particulate emissions shall not exceed 2.4 tons per year.

Applicable Compliance Method:
This emission limitation was established by multiplying the hourly allowable emission rate for particulates (0.551 lb/hr) by the maximum annual hours of operation, and the conversion factor as follows:

(0.551 lb/hr)(8760 hrs/yr)(0.0005 ton/lb) = 2.4 tons/yr

Compliance with this emission limitation may be assumed provided that the permittee complies with the short term emission limitation.

V. Testing Requirements (continued)

1.e Emission Limitation:
Visible particulate emissions from any stack shall not exceed 20% opacity as a 6-minute average, except as provide by the rule.

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

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

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

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

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