



Environmental Protection Agency

John R. Kasich, Governor
Mary Taylor, Lt. Governor
Scott J. Nally, Director

5/2/2011

Mr. Tim More
MASCO Cabinetry, Middlefield LLC (KraftMaid Plant 2)
15535 S STATE AVE
P.O Box 1055
Middlefield, OH 44062

RE: DRAFT AIR POLLUTION PERMIT-TO-INSTALL AND OPERATE

Facility ID: 0228000213
Permit Number: P0084581
Permit Type: Renewal
County: Geauga

Certified Mail

No	TOXIC REVIEW
No	PSD
No	SYNTHETIC MINOR TO AVOID MAJOR NSR
No	CEMS
No	MACT/GACT
No	NSPS
No	NESHAPS
No	NETTING
No	MAJOR NON-ATTAINMENT
No	MODELING SUBMITTED
Yes	SYNTHETIC MINOR TO AVOID TITLE V
Yes	FEDERALLY ENFORCABLE PTIO (FEPTIO)

Dear Permit Holder:

A draft of the Ohio Administrative Code (OAC) Chapter 3745-31 Air Pollution Permit-to-Install and Operate (PTIO) for the referenced facility has been issued for the emissions unit(s) listed in the Authorization section of the enclosed draft permit. This draft action is not an authorization to begin construction or modification of your emissions unit(s). The purpose of this draft is to solicit public comments on the permit. A public notice will appear in the Ohio EPA Weekly Review and the local newspaper, The Plain Dealer. A copy of the public notice and the draft permit are enclosed. This permit can be accessed electronically on the Division of Air Pollution Control (DAPC) Web page, www.epa.ohio.gov/dapc by clicking the "Issued Air Pollution Control Permits" link. Comments will be accepted as a marked-up copy of the draft permit or in narrative format. Any comments must be sent to the following:

Andrew Hall
Permit Review/Development Section
Ohio EPA, DAPC
122 South Front Street
Columbus, Ohio 43215

and Ohio EPA DAPC, Northeast District Office
2110 East Aurora Road
Twinsburg, OH 44087

Comments and/or a request for a public hearing will be accepted within 30 days of the date the notice is published in the newspaper. You will be notified in writing if a public hearing is scheduled. A decision on issuing a final permit-to-install will be made after consideration of comments received and oral testimony if a public hearing is conducted. Any permit fee that will be due upon issuance of a final Permit-to-Install is indicated in the Authorization section. Please do not submit any payment now. If you have any questions, please contact Ohio EPA DAPC, Northeast District Office at (330)425-9171.

Sincerely,

Michael W. Ahern, Manager

Permit Issuance and Data Management Section, DAPC

Cc: U.S. EPA Region 5 *Via E-Mail Notification*
Ohio EPA-NEDO; Pennsylvania; Canada



Permit Strategy Write-Up

1. Check all that apply:

- X Synthetic Minor Determination
Netting Determination

2. Source Description:

MASCO Retail Cabinet Group operates under SIC code 2434 and manufactures wooden cabinets. This facility (Plant 2) is located at 15535 South State Avenue, Middlefield Village, Geauga County, Ohio. The facility is classified as a synthetic minor facility to avoid MACT and Title V permitting requirements for HAP.

3. Facility Emissions and Attainment Status:

This FEPTIO (P0084581) is a renewal FEPTIO for the coating (VOC and HAP) sources at this plant. Geauga County is classified as attainment for ozone. The permitted VOC emissions for Plant 2 are 57.0 TPY. The PTE for individual HAP at Plant 2 is 4.4 TPY. The combined HAP PTE for this plant is 11.5 TPY.

This permit will not change the PTE for VOC, individual HAP or combined HAP at this facility.

4. Source Emissions:

The facility operates as a synthetic minor for HAP. This renewal federally-enforceable- permit-to-install-and- operate addresses the coating (VOC and HAP) emitting emissions units at Plant 2. This permit will allow the facility to continue to operate as a minor facility for the purposes of Title V permitting and MACT requirements.

The synthetic minor strategy consists of restricting the HAP content in the coatings. This allows the individual and combined HAP PTE from Plant 2 to be below major source thresholds.

This permit will renew the synthetic minor permit-to-install #02-13185 for emissions units R001, R003, R004, R005, R007 and R009. This permit will also renew the synthetic minor permit-to-install #02-19306 for emissions unit K001. This permit will not change the allowable emissions, but will update the permit by including requirements from new OAC rule 3745-21-15.

5. Conclusion:

After this permit is issued, the allowable emissions for the coating sources at Plant 2 will not change. The facility classification of synthetic minor/FEPTIO will not change. The facility will continue to operate as a minor facility for purposes of Title V permitting and MACT requirements.

6. Please provide additional notes or comments as necessary:

None

7. Total Permit Allowable Emissions Summary (for informational purposes only):

Table with 2 columns: Pollutant, Tons Per Year. Rows include VOC (57.0), Individual HAP (4.4), and Combined HAP (11.5).

PUBLIC NOTICE
Issuance of Draft Air Pollution Permit-To-Install and Operate
MASCO Cabinetry, Middlefield LLC (KraftMaid Plant 2)

Issue Date: 5/2/2011
Permit Number: P0084581
Permit Type: Renewal
Permit Description: Renewal FEPTIO of 7 wooden cabinet coating operations to restrict HAP and VOC emissions
Facility ID: 0228000213
Facility Location: MASCO Cabinetry, Middlefield LLC (KraftMaid Plant 2)
15535 S STATE AVE,
MIDDLEFIELD, OH 44062
Facility Description: Wood Kitchen Cabinet and Countertop Manufacturing

Scott J. Nally, Director of the Ohio Environmental Protection Agency, 50 West Town Street, Columbus Ohio has issued a draft action of an air pollution control, federally enforceable permit-to-install and operate (PTIO) for the facility at the location identified above on the date indicated. Comments concerning this draft action, or a request for a public meeting, must be sent in writing no later than thirty (30) days from the date this notice is published. All comments, questions, requests for permit applications or other pertinent documentation, and correspondence concerning this action must be directed to Bridget Byrne at Ohio EPA DAPC, Northeast District Office, 2110 East Aurora Road, Twinsburg, OH 44087 or (330)425-9171. The permit can be downloaded from the Web page: www.epa.ohio.gov/dapc

Ohio

**Environmental
Protection Agency**

DRAFT

**Division of Air Pollution Control
Permit-to-Install and Operate
for**

MASCO Cabinetry, Middlefield LLC (KraftMaid Plant 2)

Facility ID:	0228000213
Permit Number:	P0084581
Permit Type:	Renewal
Issued:	5/2/2011
Effective:	To be entered upon final issuance
Expiration:	To be entered upon final issuance



Division of Air Pollution Control
Permit-to-Install and Operate

for
MASCO Cabinetry, Middlefield LLC (KraftMaid Plant 2)

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Authorization

Facility ID: 0228000213
Application Number(s): A0015148, A0041350
Permit Number: P0084581
Permit Description: Renewal FEPTIO of 7 wooden cabinet coating operations to restrict HAP and VOC emissions
Permit Type: Renewal
Permit Fee: \$0.00 *DO NOT send payment at this time, subject to change before final issuance*
Issue Date: 5/2/2011
Effective Date: To be entered upon final issuance
Expiration Date: To be entered upon final issuance
Permit Evaluation Report (PER) Annual Date: To be entered upon final issuance

This document constitutes issuance to:

MASCO Cabinetry, Middlefield LLC (KraftMaid Plant 2)
15535 S STATE AVE
MIDDLEFIELD, OH 44062

of a Permit-to-Install and Operate for the emissions unit(s) identified on the following page.

Ohio EPA District Office or local air agency responsible for processing and administering your permit:

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

The above named entity is hereby granted this Permit-to-Install and Operate for the air contaminant source(s) (emissions unit(s)) listed in this section pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this permit does not constitute expressed or implied approval or agreement that, if constructed or modified in accordance with the plans included in the application, the described emissions unit(s) will operate in compliance with applicable State and Federal laws and regulations.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Scott J. Nally
Director



Authorization (continued)

Permit Number: P0084581
Permit Description: Renewal FEPTIO of 7 wooden cabinet coating operations to restrict HAP and VOC emissions

Permits for the following Emissions Unit(s) or groups of Emissions Units are in this document as indicated below:

- Emissions Unit ID: R003
Company Equipment ID: UV Topcoat Roll Coater
Superseded Permit Number: 02-13185
General Permit Category and Type: Not Applicable
Emissions Unit ID: R004
Company Equipment ID: UV Toner Molding Finish Line Spray Coater
Superseded Permit Number: 02-13185
General Permit Category and Type: Not Applicable
Emissions Unit ID: R005
Company Equipment ID: UV Stain Molding Finish Line Spray Coater
Superseded Permit Number: 02-13185
General Permit Category and Type: Not Applicable
Emissions Unit ID: R007
Company Equipment ID: UV Molding Topcoat Spray Coater
Superseded Permit Number: 02-13185
General Permit Category and Type: Not Applicable
Emissions Unit ID: R009
Company Equipment ID: UV Roll Coat Line No. 2
Superseded Permit Number: 02-13185
General Permit Category and Type: Not Applicable

Group Name: K001 & R001

Table with 2 columns: Emissions Unit ID and details. Rows include K001 (UV Coating Line #3) and R001 (UV Stain Roll Coat Line).

A. Standard Terms and Conditions

1. What does this permit-to-install and operate ("PTIO") allow me to do?

This permit allows you to install and operate the emissions unit(s) identified in this PTIO. You must install and operate the unit(s) in accordance with the application you submitted and all the terms and conditions contained in this PTIO, including emission limits and those terms that ensure compliance with the emission limits (for example, operating, recordkeeping and monitoring requirements).

2. Who is responsible for complying with this permit?

The person identified on the "Authorization" page, above, is responsible for complying with this permit until the permit is revoked, terminated, or transferred. "Person" means a person, firm, corporation, association, or partnership. The words "you," "your," or "permittee" refer to the "person" identified on the "Authorization" page above.

The permit applies only to the emissions unit(s) identified in the permit. If you install or modify any other equipment that requires an air permit, you must apply for an additional PTIO(s) for these sources.

3. What records must I keep under this permit?

You must keep all records required by this permit, including monitoring data, test results, strip-chart recordings, calibration data, maintenance records, and any other record required by this permit for five years from the date the record was created. You can keep these records electronically, provided they can be made available to Ohio EPA during an inspection at the facility. Failure to make requested records available to Ohio EPA upon request is a violation of this permit requirement.

4. What are my permit fees and when do I pay them?

There are two fees associated with permitted air contaminant sources in Ohio:

- PTIO fee. This one-time fee is based on a fee schedule in accordance with Ohio Revised Code (ORC) section 3745.11, or based on a time and materials charge for permit application review and permit processing if required by the Director.

You will be sent an invoice for this fee after you receive this PTIO and payment is due within 30 days of the invoice date. You are required to pay the fee for this PTIO even if you do not install or modify your operations as authorized by this permit.

- Annual emissions fee. Ohio EPA will assess a separate fee based on the total annual emissions from your facility. You self-report your emissions in accordance with Ohio Administrative Code (OAC) Chapter 3745-78. This fee assessed is based on a fee schedule in ORC section 3745.11 and funds Ohio EPA's permit compliance oversight activities. Unless otherwise specified, facilities subject to one or more synthetic minor restrictions must use Ohio EPA's "Air Services" to submit annual emissions associated with this permit requirement. Ohio EPA will notify you when it is time to report your emissions and to pay your annual emission fees.

5. When does my PTIO expire, and when do I need to submit my renewal application?

This permit expires on the date identified at the beginning of this permit document (see "Authorization" page above) and you must submit a renewal application to renew the permit. Ohio EPA will send a renewal notice to you approximately six months prior to the expiration date of this permit. However, it is

very important that you submit a complete renewal permit application (postmarked prior to expiration of this permit) even if you do not receive the renewal notice.

If a complete renewal application is submitted before the expiration date, Ohio EPA considers this a timely application for purposes of ORC section 119.06, and you are authorized to continue operating the emissions unit(s) covered by this permit beyond the expiration date of this permit until final action is taken by Ohio EPA on the renewal application.

6. What happens to this permit if my project is delayed or I do not install or modify my source?

This PTIO expires 18 months after the issue date identified on the "Authorization" page above unless otherwise specified if you have not (1) started constructing the new or modified emission sources identified in this permit, or (2) entered into a binding contract to undertake such construction. This deadline can be extended by up to 12 months, provided you apply to Ohio EPA for this extension within a reasonable time before the 18-month period has ended and you can show good cause for any such extension.

7. What reports must I submit under this permit?

An annual permit evaluation report (PER) is required in addition to any malfunction reporting required by OAC rule 3745-15-06 or other specific rule-based reporting requirement identified in this permit. Your PER due date is identified in the Authorization section of this permit.

8. If I am required to obtain a Title V operating permit in the future, what happens to the operating provisions and PER obligations under this permit?

If you are required to obtain a Title V permit under OAC Chapter 3745-77 in the future, the permit-to-operate portion of this permit will be superseded by the issued Title V permit. From the effective date of the Title V permit forward, this PTIO will effectively become a PTI (permit-to-install) in accordance with OAC rule 3745-31-02(B). The following terms and conditions will no longer be applicable after issuance of the Title V permit: Section B, Term 1.b) and Section C, for each emissions unit, Term a)(2).

The PER requirements in this permit remain effective until the date the Title V permit is issued and is effective, and cease to apply after the effective date of the Title V permit. The final PER obligation will cover operations up to the effective date of the Title V permit and must be submitted on or before the submission deadline identified in this permit on the last day prior to the effective date of the Title V permit.

9. What are my obligations when I perform scheduled maintenance on air pollution control equipment?

You must perform scheduled maintenance of air pollution control equipment in accordance with OAC rule 3745-15-06(A). If scheduled maintenance requires shutting down or bypassing any air pollution control equipment, you must also shut down the emissions unit(s) served by the air pollution control equipment during maintenance, unless the conditions of OAC rule 3745-15-06(A)(3) are met. Any emissions that exceed permitted amount(s) under this permit (unless specifically exempted by rule) must be reported as deviations in the annual permit evaluation report (PER), including nonexempt excess emissions that occur during approved scheduled maintenance.

10. Do I have to report malfunctions of emissions units or air pollution control equipment? If so, how must I report?

If you have a reportable malfunction of any emissions unit(s) or any associated air pollution control system, you must report this to the Ohio EPA DAPC, Northeast District Office in accordance with OAC rule 3745-15-06(B). Malfunctions that must be reported are those that result in emissions that exceed permitted emission levels. It is your responsibility to evaluate control equipment breakdowns and operational upsets to determine if a reportable malfunction has occurred.

If you have a malfunction, but determine that it is not a reportable malfunction under OAC rule 3745-15-06(B), it is recommended that you maintain records associated with control equipment breakdown or process upsets. Although it is not a requirement of this permit, Ohio EPA recommends that you maintain records for non-reportable malfunctions.

11. Can Ohio EPA or my local air agency inspect the facility where the emission unit(s) is/are located?

Yes. Under Ohio law, the Director or his authorized representative may inspect the facility, conduct tests, examine records or reports to determine compliance with air pollution laws and regulations and the terms and conditions of this permit. You must provide, within a reasonable time, any information Ohio EPA requests either verbally or in writing.

12. What happens if one or more emissions units operated under this permit is/are shut down permanently?

Ohio EPA can terminate the permit terms associated with any permanently shut down emissions unit. "Shut down" means the emissions unit has been physically removed from service or has been altered in such a way that it can no longer operate without a subsequent "modification" or "installation" as defined in OAC Chapter 3745-31.

You should notify Ohio EPA of any emissions unit that is permanently shut down by submitting¹ a certification that identifies the date on which the emissions unit was permanently shut down. The certification must be submitted by an authorized official from the facility. You cannot continue to operate an emissions unit once the certification has been submitted to Ohio EPA by the authorized official.

You must comply with all recordkeeping and reporting for any permanently shut down emissions unit in accordance with the provisions of the permit, regulations or laws that were enforceable during the period of operation, such as the requirement to submit a PER, air fee emission report, or malfunction report. You must also keep all records relating to any permanently shutdown emissions unit, generated while the emissions unit was in operation, for at least five years from the date the record was generated.

Again, you cannot resume operation of any emissions unit certified by the authorized official as being permanently shut down without first applying for and obtaining a permit pursuant to OAC Chapter 3745-31.

¹ Permittees that use Ohio EPA's "Air Services" can mark the affected emissions unit(s) as "permanently shutdown" in the facility profile along with the date the emissions unit(s) was permanently removed and/or disabled. Submitting the facility profile update will constitute notifying of the permanent shutdown of the affected emissions unit(s).

13. Can I transfer this permit to a new owner or operator?

You can transfer this permit to a new owner or operator. If you transfer the permit, you must follow the procedures in OAC Chapter 3745-31, including notifying Ohio EPA or the local air agency of the change in ownership or operator. Any transferee of this permit must assume the responsibilities of the transferor permit holder.

14. Does compliance with this permit constitute compliance with OAC rule 3745-15-07, "air pollution nuisance"?

This permit and OAC rule 3745-15-07 prohibit operation of the air contaminant source(s) regulated under this permit in a manner that causes a nuisance. Ohio EPA can require additional controls or modification of the requirements of this permit through enforcement orders or judicial enforcement action if, upon investigation, Ohio EPA determines existing operations are causing a nuisance.

15. What happens if a portion of this permit is determined to be invalid?

If a portion of this permit is determined to be invalid, the remainder of the terms and conditions remain valid and enforceable. The exception is where the enforceability of terms and conditions are dependent on the term or condition that was declared invalid.

B. Facility-Wide Terms and Conditions

1. This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).
 - a) For the purpose of a permit-to-install document, the facility-wide terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (1) None.
 - b) For the purpose of a permit-to-operate document, the facility-wide terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (1) None.

C. Emissions Unit Terms and Conditions

1. R003, UV Topcoat Roll Coater

Operations, Property and/or Equipment Description:

UV topcoat roller coater

- a) This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).
 - (1) For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - a. d)(7)
 - (2) For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - a. b)(1)b
- b) Applicable Emissions Limitations and/or Control Requirements
 - (1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3)	<p>Volatile organic compounds (VOC) emissions shall not exceed 5.0 pounds per day and 0.9 ton per year.</p> <p>VOC emissions from the use of facility-wide cleanup, touchup and support materials shall not exceed 1367 pounds per month and 7.9 tons per year.</p>
b.	OAC rule 3745-31-05(D)(1)	<p>Facility-wide emissions of any individual hazardous air pollutant (HAP) shall not exceed 4.4 tons per rolling, 12-month period.</p> <p>Facility-wide emissions of total combined HAPs shall not exceed 11.5 tons per rolling, 12-month period.</p>
c.	OAC rule 3745-21-15	See b)(2)a, b)(2)b and b)(2)c.
d.	OAC rule 3745-21-07(G)	The permittee shall use only non-photochemically reactive materials via OAC rule 3745-21-01(C)(5). See b)(2)d.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
e.	OAC rule 3745-114-01	See d)(7).

(2) Additional Terms and Conditions

- a. The permittee shall comply with the following limitations:
 - i. the VOC content of any topcoat shall not exceed 0.8 pound of VOC per pound of solids, as applied.
- b. The permittee shall prepare and maintain a written work practice implementation plan. The plan shall define environmentally desirable work practices for each wood furniture manufacturing operation and address each of the work practices contained in paragraphs (b) to (d) and (f) to (k) of 40 CFR 63.803.
- c. This rule shall become federally enforceable on the date the U.S. EPA approves this rule as a revision to the Ohio SIP for ozone.
- d. On February 18, 2008, OAC rule 3745-21-07 was revised in its entirety; therefore, the 21-07 rule that was in effect prior to this date is no longer part of the State regulations. On April 4, 2008, the rule revision was submitted to the U.S. EPA as a revision to Ohio's State Implementation Plan (SIP); however, until the U.S. EPA approves the revision to OAC rule 3745-21-07, the requirement to comply with the previous 21-07 rule provisions still exists as part of the federally-approved SIP for Ohio. The following terms and conditions shall become void after U.S. EPA approves the rule revision: d)(6) and f)(1)f.

c) Operational Restrictions

- (1) None.

d) Monitoring and/or Recordkeeping Requirements

- (1) In order to determine daily VOC emissions the permittee shall collect and record the following information each day:
 - a. the company identification of each coating employed;
 - b. the number of gallons of each coating employed;
 - c. the VOC content of each coating employed, in pounds per gallon; and
 - d. the total VOC emission rate for all coatings employed each day, calculated as the sum of b x c for each coating employed.
- (2) In order to determine monthly facility-wide VOC emissions from the use of cleanup, touchup and support materials the permittee shall collect and record the following information each month:

- a. the company identification of each such material employed;
 - b. the number of gallons of each such material employed;
 - c. the VOC content of each such material employed, in pounds per gallon; and
 - d. the total VOC emission rate from the use of all such materials, calculated as the sum of b x c for each such material.
- (3) In order to determine the rolling, 12-month emissions of HAP the permittee shall collect and record the following information each month:
- a. the company identification for each coating, cleanup, touchup and support material employed;
 - b. the individual HAP content for each such material in pounds of individual HAP per gallon material employed, as applied;
 - c. the total combined HAP content for each such material employed, as applied;
 - d. the number of gallons of each such material employed;
 - e. the monthly emissions of each HAP, calculated as the sum of b x d for each such material employed; and
 - f. the monthly emissions of total combined HAPs, calculated as the sum of c x d for each such material employed.
- (4) The permittee shall employ the following procedures for determining the VOC content and solids content of a coating.
- a. The as-applied VOC content of a finishing material that is applied by a continuous coater shall be determined by the VOC content of the finishing material in the reservoir and the VOC content as calculated from records.
 - b. The VOC content and solids content of a coating shall be determined in accordance with paragraph (B) of OAC rule 3745-21-10 wherein formulation data or USEPA Method 24 procedures (which include various ASTM measurement methods) may be employed.
 - c. A certified product data sheet that provides data on VOC content and solids content shall be used by the permittee provided that any data based upon a measurement method shall be a measurement method that meets paragraph (I) of OAC rule 3745-21-15.
- (5) All records required under OAC rule 3745-21-15(K) shall be retained for a period of not less than five years and shall be made available to the Director or any authorized representative of the director for review during normal business hours. The following types of records are to be maintained.

- a. Compliance demonstration records for finishing operations:
 - i. a record of the VOC emission requirement elected to be met under any one paragraph of paragraphs (D)(1) to (D)(5) of OAC rule 3745-21-15 for each day of operation of the finishing operation;
 - ii. a certified product data sheet for each finishing material that is subject to a VOC emission requirement elected to be met under paragraph (K)(2)(a) of OAC rule 3745-21-15, and a certified product data sheet for any thinners or other VOC material added to the finishing materials before application; and
 - iii. a record of the VOC content, in pounds of VOC per pound of solids, as applied, of each finishing material, other than a stain, that is subject to a VOC content limit or a daily VOC emissions limit under paragraph (D) of OAC rule 3745-21-15, including documentation on any thinner or other VOC added to the finishing material before application.
 - b. Work practice implementation plan records:
 - i. records demonstrating that the operator training program required by 40 CFR 63.803(b) is in place;
 - ii. records collected in accordance with the inspection and maintenance plan required by 40 CFR 63.803(h)(5);
 - iii. records associated with the cleaning solvent accounting system required by 40 CFR 63.803(d);
 - iv. records associated with the limitation on the use of conventional air spray guns showing total finishing material usage and the percentage of finishing materials applied with conventional air spray guns for each semi-annual period as required by 40 CFR 63.803(h)(3); and
 - v. copies of documentation such as logs developed to demonstrate that the other provisions of the work practice implementation plan are followed.
- (6) In order to demonstrate compliance with OAC rule 3745-21-07(G) the permittee shall maintain records of each coating and cleanup material employed and a determination of whether each such material is photochemically reactive as defined in OAC rule 3745-21-01(C)(5).
- (7) Modeling to demonstrate compliance with the "Toxic Air Contaminant Statute", ORC 3704.03(F)(4)(b), was not necessary because the emissions unit's maximum annual emissions for each toxic air contaminant, as defined in OAC rule 3745-114-01, will be less than 1.0 ton per year. OAC Chapter 3745-31 requires permittees to apply for and obtain a new or modified FEPTIO prior to making a "modification" as defined by OAC rule 3745-31-01. The permittee is hereby advised that changes in the composition of the materials, or use of new materials, that would cause the emissions of any toxic air contaminant to increase to above 1.0 ton per year may require the permittee to apply for and obtain a new FEPTIO.

e) Reporting Requirements

- (1) The permittee shall submit written quarterly deviation reports that identify the following information:
 - a. any month in which the facility-wide emissions of any individual HAP exceeded 4.4 tons per rolling, 12-month period and the actual facility-wide emissions of any such HAP in each such month; and
 - b. any month in which the facility-wide emissions of total combined HAPs exceeded 11.5 tons per rolling, 12-month period and the actual facility-wide emissions of total combined HAPs in each such month.

- (2) The permittee shall submit semiannual compliance status reports concerning the requirements specified in OAC rule 3745-21-15 no later than thirty calendar days after the end of each six-month period to the Ohio EPA Northeast District Office. Reports shall be submitted no later than thirty calendar days after the end of each six-month period following the first report. For each semiannual compliance status report, the permittee shall submit the following information for the six-month period covered by the report:
 - a. For any finishing operation subject to paragraph (D) of OAC rule 3745-21-15, any changes to the previous reporting of which paragraph of paragraphs (D)(1) to (D)(5) of OAC rule 3745-21-15 is elected to be met.
 - b. For any topcoat or sealer that is applied by means of a continuous coater, any changes to the means of compliance previously reported. If the change pertains to the use of the procedures of paragraph (I)(5)(b) of OAC rule 3745-21-15 for the VOC content and viscosity measurements of a continuous coater, data that demonstrates the correlation between the viscosity of the finishing material and the VOC content of the finishing material in the reservoir.
 - c. Compliance certification for semiannual reporting period including the following compliance certifications, where applicable:
 - i. For any topcoat or sealer that is subject to the VOC content limit of paragraph (D)(1), (D)(2), (D)(4)(b), or (D)(5)(b) of OAC rule 3745-21-15 and that complies by the procedures of paragraphs (I)(1) to (I)(4) of OAC rule 3745-21-15, the compliance certification shall state that compliant coatings for topcoats and sealers, as applicable, have been used each operating day in the semiannual reporting period, or should otherwise identify the periods of use of noncompliant coatings for topcoats and sealers, as applicable, the reasons for the use of noncompliant coatings, and the amounts and VOC contents of each noncompliant coating used. Use of a noncompliant coating is a separate violation for each day the noncompliant coating is used.
 - ii. For any topcoat or sealer that is applied by means of a continuous coater, that is subject to the VOC content limit of paragraph (D)(1), (D)(2), (D)(4)(b), or (D)(5)(b) of OAC rule 3745-21-15, and that complies by the procedures of paragraph (I)(5) of OAC rule 3745-21-15, the compliance certification shall state the following, whichever is applicable:

- (a) The compliance certification shall state that compliant coatings, as determined by the procedures of paragraph (l)(5)(a) of OAC rule 3745-21-15, have been used each operating day in the semiannual reporting period, or should otherwise identify the periods of use of noncompliant coatings, the reasons for the use of noncompliant coatings, and the amounts and VOC contents of each noncompliant coating used. Use of a noncompliant coating is a separate violation for each day the noncompliant coating is used
 - (b) The compliance certification shall state that compliant coatings, as determined by the procedures of paragraph (l)(5)(b) of OAC rule 3745-21-15, have been used each operating day in the semiannual reporting period, or should otherwise identify the periods of use of noncompliant coatings, the reasons for the use of noncompliant coatings, and the amounts and VOC contents of each noncompliant coating used. Additionally, the certification shall state that the viscosity of the finishing material in the reservoir has not been less than the viscosity of the initial finishing material, that is, the material that is initially mixed and placed in the reservoir, for any day in the semiannual reporting period. Use of a noncompliant coating is a separate violation for each day the noncompliant coating is used.
 - iii. For wood furniture manufacturing operations subject to the work practice requirements of paragraph (F) of OAC rule 3745-21-15, the compliance certification shall state that the work practice implementation plan is being followed, or should otherwise identify the provisions of the plan that have not been implemented and each day the provisions were not implemented.
 - iv. The compliance certification shall identify and describe any corrective actions considered and implemented for any noncompliance being reported in the compliance certification.
 - v. The compliance certification shall be signed by a responsible official of the company that owns or operates the wood furniture manufacturing operations.
- (3) Annual Permit Evaluation Report (PER) forms will be mailed to the permittee at the end of the reporting period specified in the Authorization section of this permit. The permittee shall submit the PER in the form and manner provided by the Director by the due date identified in the Authorization section of this permit. The PER shall cover a reporting period of no more than 12 months for each air contaminant source identified in this permit.
- f) Testing Requirements
- (1) Compliance with the emission limitations in b)(1) and b)(2) of these terms and conditions shall be determined in accordance with the following methods:

a. Emission Limitations:

VOC emissions shall not exceed 5.0 pounds per day and 0.9 ton per year.

Applicable Compliance Methods:

Compliance with the daily limitation shall be demonstrated through the record keeping requirements specified in d)(1)d. Compliance with the annual limitation shall be demonstrated by summing the daily emissions.

b. Emission Limitations:

VOC emissions from the use of facility-wide cleanup, touchup and support materials shall not exceed 1367 pounds per month and 7.9 tons per year.

Applicable Compliance Methods:

Compliance with the monthly limitation shall be demonstrated through the record keeping requirements specified in d)(2)d. The monthly emissions for each emissions unit shall be summed to determine the facility-wide emissions. Compliance with the annual limitation shall be demonstrated by summing the facility-wide monthly emissions.

c. Emission Limitations:

Facility-wide emissions of any individual HAP shall not exceed 4.4 tons per rolling, 12-month period.

Applicable Compliance Method:

Compliance with the monthly limitation shall be demonstrated through the record keeping requirements specified in d)(3)e. Each month the emissions from each emissions unit shall be summed. This amount will be summed with the previous 11 months' emissions to determine the rolling, 12-month facility-wide emissions.

d. Emission Limitation:

Facility-wide emissions of total combined HAPs shall not exceed 11.5 tons per rolling, 12-month period.

Applicable Compliance Method:

Compliance with the monthly limitation shall be demonstrated through the record keeping requirements specified in d)(3)f. Each month the emissions from each emissions unit shall be summed. This amount will be summed with the previous 11 months' emissions to determine the rolling, 12-month facility-wide emissions.

e. Emission Limitation:

The VOC content of any topcoat shall not exceed 0.8 pound of VOC per pound of solids, as applied.

Applicable Compliance Method:

Compliance shall be demonstrated through the record keeping requirements specified in d)(4) and d)(5).

f. Emission Limitation:

The permittee shall use only non-photochemically reactive materials via OAC rule 3745-21-01(C)(5).

Applicable Compliance Method:

Compliance shall be demonstrated through the record keeping requirements specified in d)(6).

g) Miscellaneous Requirements

(1) None.

2. R004, UV Toner Molding Finish Line Spray Coater

Operations, Property and/or Equipment Description:

UV toner moulding finish line spray coater

- a) This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).
 - (1) For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - a. d)(7)
 - (2) For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - a. b)(1)b
- b) Applicable Emissions Limitations and/or Control Requirements
 - (1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3)	<p>Volatile organic compounds (VOC) emissions shall not exceed 74.8 pounds per day and 13.5 tons per year.</p> <p>VOC emissions from the use of facility-wide cleanup, touchup and support materials shall not exceed 1367 pounds per month and 7.9 tons per year.</p>
b.	OAC rule 3745-31-05(D)(1)	<p>Facility-wide emissions of any individual hazardous air pollutant (HAP) shall not exceed 4.4 tons per rolling, 12-month period.</p> <p>Facility-wide emissions of total combined HAPs shall not exceed 11.5 tons per rolling, 12-month period.</p>
c.	OAC rule 3745-21-15	See b)(2)a, b)(2)b and b)(2)c.
d.	OAC rule 3745-21-07(G)	The permittee shall use only non-photochemically reactive materials via OAC rule 3745-21-01(C)(5). See b)(2)d.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
e.	OAC rule 3745-114-01	See d)(7).

(2) Additional Terms and Conditions

- a. The permittee shall comply with the following limitations:
 - i. the VOC content of any topcoat shall not exceed 0.8 pound of VOC per pound of solids, as applied.
- b. The permittee shall prepare and maintain a written work practice implementation plan. The plan shall define environmentally desirable work practices for each wood furniture manufacturing operation and address each of the work practices contained in paragraphs (b) to (d) and (f) to (k) of 40 CFR 63.803.
- c. This rule shall become federally enforceable on the date the U.S. EPA approves this rule as a revision to the Ohio SIP for ozone.
- d. On February 18, 2008, OAC rule 3745-21-07 was revised in its entirety; therefore, the 21-07 rule that was in effect prior to this date is no longer part of the State regulations. On April 4, 2008, the rule revision was submitted to the U.S. EPA as a revision to Ohio's State Implementation Plan (SIP); however, until the U.S. EPA approves the revision to OAC rule 3745-21-07, the requirement to comply with the previous 21-07 rule provisions still exists as part of the federally-approved SIP for Ohio. The following terms and conditions shall become void after U.S. EPA approves the rule revision: d)(6) and f)(1)f.

c) Operational Restrictions

- (1) None.

d) Monitoring and/or Recordkeeping Requirements

- (1) In order to determine daily VOC emissions the permittee shall collect and record the following information each day:
 - a. the company identification of each coating employed;
 - b. the number of gallons of each coating employed;
 - c. the VOC content of each coating employed, in pounds per gallon; and
 - d. the total VOC emission rate for all coatings employed each day, calculated as the sum of b x c for each coating employed.
- (2) In order to determine monthly facility-wide VOC emissions from the use of cleanup, touchup and support materials the permittee shall collect and record the following information each month:
 - a. the company identification of each such material employed;

- b. the number of gallons of each such material employed;
 - c. the VOC content of each such material employed, in pounds per gallon; and
 - d. the total VOC emission rate from the use of all such materials, calculated as the sum of b x c for each such material.
- (3) In order to determine the rolling, 12-month emissions of HAP the permittee shall collect and record the following information each month:
- a. the company identification for each coating, cleanup, touchup and support material employed;
 - b. the individual HAP content for each such material in pounds of individual HAP per gallon material employed, as applied;
 - c. the total combined HAP content for each such material employed, as applied;
 - d. the number of gallons of each such material employed;
 - e. the monthly emissions of each HAP, calculated as the sum of b x d for each such material employed; and
 - f. the monthly emissions of total combined HAP, calculated as the sum of c x d for each such material employed.
- (4) The permittee shall employ the following procedures for determining the VOC content and solids content of a coating.
- a. The as-applied VOC content of a finishing material that is applied by a continuous coater shall be determined by the VOC content of the finishing material in the reservoir and the VOC content as calculated from records.
 - b. The VOC content and solids content of a coating shall be determined in accordance with paragraph (B) of OAC rule 3745-21-10 wherein formulation data or USEPA Method 24 procedures (which include various ASTM measurement methods) may be employed.
 - c. A certified product data sheet that provides data on VOC content and solids content shall be used by the permittee provided that any data based upon a measurement method shall be a measurement method that meets paragraph (I) of OAC rule 3745-21-15.
- (5) All records required under OAC rule 3745-21-15(K) shall be retained for a period of not less than five years and shall be made available to the Director or any authorized representative of the director for review during normal business hours. The following types of records are to be maintained.

- a. Compliance demonstration records for finishing operations:
 - i. a record of the VOC emission requirement elected to be met under any one paragraph of paragraphs (D)(1) to (D)(5) of OAC rule 3745-21-15 for each day of operation of the finishing operation;
 - ii. a certified product data sheet for each finishing material that is subject to a VOC emission requirement elected to be met under paragraph (K)(2)(a) of OAC rule 3745-21-15, and a certified product data sheet for any thinners or other VOC material added to the finishing materials before application; and
 - iii. a record of the VOC content, in pounds of VOC per pound of solids, as applied, of each finishing material, other than a stain, that is subject to a VOC content limit or a daily VOC emissions limit under paragraph (D) of OAC rule 3745-21-15, including documentation on any thinner or other VOC added to the finishing material before application.
 - b. Work practice implementation plan records:
 - i. records demonstrating that the operator training program required by 40 CFR 63.803(b) is in place;
 - ii. records collected in accordance with the inspection and maintenance plan required by 40 CFR 63.803(h)(5);
 - iii. records associated with the cleaning solvent accounting system required by 40 CFR 63.803(d);
 - iv. records associated with the limitation on the use of conventional air spray guns showing total finishing material usage and the percentage of finishing materials applied with conventional air spray guns for each semi-annual period as required by 40 CFR 63.803(h)(5); and
 - v. copies of documentation such as logs developed to demonstrate that the other provisions of the work practice implementation plan are followed.
- (6) In order to demonstrate compliance with OAC rule 3745-21-07(G) the permittee shall maintain records of each coating and cleanup material employed and a determination of whether each such material is photochemically reactive as defined in OAC rule 3745-21-01(C)(5).
- (7) Modeling to demonstrate compliance with the "Toxic Air Contaminant Statute", ORC 3704.03(F)(4)(b), was not necessary because the emissions unit's maximum annual emissions for each toxic air contaminant, as defined in OAC rule 3745-114-01, will be less than 1.0 ton per year. OAC Chapter 3745-31 requires permittees to apply for and obtain a new or modified FEPTIO prior to making a "modification" as defined by OAC rule 3745-31-01. The permittee is hereby advised that changes in the composition of the materials, or use of new materials, that would cause the emissions of any toxic air contaminant to increase to above 1.0 ton per year may require the permittee to apply for and obtain a new FEPTIO.

e) Reporting Requirements

- (1) The permittee shall submit written quarterly deviation reports that identify the following information:
 - a. any month in which the facility-wide emissions of any individual HAP exceeded 4.4 tons per rolling, 12-month period and the actual facility-wide emissions of any such HAP in each such month; and
 - b. any month in which the facility-wide emissions of total combined HAPs exceeded 11.5 tons per rolling, 12-month period and the actual facility-wide emissions of total combined HAPs in each such month.
- (2) The permittee shall submit semiannual compliance status reports concerning the requirements specified in OAC rule 3745-21-15 no later than thirty calendar days after the end of each six-month period to the Ohio EPA Northeast District Office. Reports shall be submitted no later than thirty calendar days after the end of each six-month period following the first report. For each semiannual compliance status report, the permittee shall submit the following information for the six-month period covered by the report:
 - a. For any finishing operation subject to paragraph (D) of OAC rule 3745-21-15, any changes to the previous reporting of which paragraph of paragraphs (D)(1) to (D)(5) of OAC rule 3745-21-15 is elected to be met.
 - b. For any topcoat or sealer that is applied by means of a continuous coater, any changes to the means of compliance previously reported. If the change pertains to the use of the procedures of paragraph (I)(5)(b) of OAC rule 3745-21-15 for the VOC content and viscosity measurements of a continuous coater, data that demonstrates the correlation between the viscosity of the finishing material and the VOC content of the finishing material in the reservoir.
 - c. Compliance certification for semiannual reporting period including the following compliance certifications, where applicable:
 - i. For any topcoat or sealer that is subject to the VOC content limit of paragraph (D)(1), (D)(2), (D)(4)(b), or (D)(5)(b) of OAC rule 3745-21-15 and that complies by the procedures of paragraphs (I)(1) to (I)(4) of OAC rule 3745-21-15, the compliance certification shall state that compliant coatings for topcoats and sealers, as applicable, have been used each operating day in the semiannual reporting period, or should otherwise identify the periods of use of noncompliant coatings for topcoats and sealers, as applicable, the reasons for the use of noncompliant coatings, and the amounts and VOC contents of each noncompliant coating used. Use of a noncompliant coating is a separate violation for each day the noncompliant coating is used.
 - ii. For any topcoat or sealer that is applied by means of a continuous coater, that is subject to the VOC content limit of paragraph (D)(1), (D)(2), (D)(4)(b), or (D)(5)(b) of OAC rule 3745-21-15, and that complies by the procedures of paragraph (I)(5) of OAC rule 3745-21-15, the compliance certification shall state the following, whichever is applicable:

- (a) The compliance certification shall state that compliant coatings, as determined by the procedures of paragraph (l)(5)(a) of OAC rule 3745-21-15, have been used each operating day in the semiannual reporting period, or should otherwise identify the periods of use of noncompliant coatings, the reasons for the use of noncompliant coatings, and the amounts and VOC contents of each noncompliant coating used. Use of a noncompliant coating is a separate violation for each day the noncompliant coating is used
 - (b) The compliance certification shall state that compliant coatings, as determined by the procedures of paragraph (l)(5)(b) of OAC rule 3745-21-15, have been used each operating day in the semiannual reporting period, or should otherwise identify the periods of use of noncompliant coatings, the reasons for the use of noncompliant coatings, and the amounts and VOC contents of each noncompliant coating used. Additionally, the certification shall state that the viscosity of the finishing material in the reservoir has not been less than the viscosity of the initial finishing material, that is, the material that is initially mixed and placed in the reservoir, for any day in the semiannual reporting period. Use of a noncompliant coating is a separate violation for each day the noncompliant coating is used.
 - iii. For wood furniture manufacturing operations subject to the work practice requirements of paragraph (F) of OAC rule 3745-21-15, the compliance certification shall state that the work practice implementation plan is being followed, or should otherwise identify the provisions of the plan that have not been implemented and each day the provisions were not implemented.
 - iv. The compliance certification shall identify and describe any corrective actions considered and implemented for any noncompliance being reported in the compliance certification.
 - v. The compliance certification shall be signed by a responsible official of the company that owns or operates the wood furniture manufacturing operations.
- (3) Annual Permit Evaluation Report (PER) forms will be mailed to the permittee at the end of the reporting period specified in the Authorization section of this permit. The permittee shall submit the PER in the form and manner provided by the Director by the due date identified in the Authorization section of this permit. The PER shall cover a reporting period of no more than 12 months for each air contaminant source identified in this permit.
- f) Testing Requirements
- (1) Compliance with the emission limitations in b)(1) and b)(2) of these terms and conditions shall be determined in accordance with the following methods:

a. Emission Limitations:

VOC emissions shall not exceed 74.8 pounds per day and 13.5 tons per year.

Applicable Compliance Methods:

Compliance with the daily limitation shall be demonstrated through the record keeping requirements specified in d)(1)d. Compliance with the annual limitation shall be demonstrated by summing the daily emissions.

b. Emission Limitations:

VOC emissions from the use of facility-wide cleanup, touchup and support materials shall not exceed 1367 pounds per month and 7.9 tons per year.

Applicable Compliance Methods:

Compliance with the monthly limitation shall be demonstrated through the record keeping requirements specified in d)(2)d. The monthly emissions for each emissions unit shall be summed to determine the facility-wide emissions. Compliance with the annual limitation shall be demonstrated by summing the facility-wide monthly emissions.

c. Emission Limitation:

Facility-wide emissions of any individual HAP shall not exceed 4.4 tons per rolling, 12-month period.

Applicable Compliance Method:

Compliance with the monthly limitation shall be demonstrated through the record keeping requirements specified in d)(3)e. Each month the emissions from each emissions unit shall be summed. This amount will be summed with the previous 11 months' emissions to determine the rolling, 12-month facility-wide emissions.

d. Emission Limitation:

Facility-wide emissions of total combined HAPs shall not exceed 11.5 tons per rolling, 12-month period.

Applicable Compliance Method:

Compliance with the monthly limitation shall be demonstrated through the record keeping requirements specified in d)(3)f. Each month the emissions from each emissions unit shall be summed. This amount will be summed with the previous 11 months' emissions to determine the rolling, 12-month facility-wide emissions.

e. Emission Limitation:

The VOC content of any topcoat shall not exceed 0.8 pound of VOC per pound of solids, as applied.

Applicable Compliance Method:

Compliance shall be demonstrated through the record keeping requirements specified in d)(4) and d)(5).

f. Emission Limitation:

The permittee shall use only non-photochemically reactive materials via OAC rule 3745-21-01(C)(5).

Applicable Compliance Method:

Compliance shall be demonstrated through the record keeping requirements specified in d)(6).

g) Miscellaneous Requirements

(1) None.

3. R005, UV Stain Molding Finish Line Spray Coater

Operations, Property and/or Equipment Description:

UV moulding finish line spray coater

- a) This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).
 - (1) For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - a. d)(7)
 - (2) For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - a. b)(1)b
- b) Applicable Emissions Limitations and/or Control Requirements
 - (1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3)	<p>Volatile organic compounds (VOC) emissions shall not exceed 13.0 pounds per day and 2.3 tons per year.</p> <p>VOC emissions from the use of facility-wide cleanup, touchup and support materials shall not exceed 1367 pounds per month and 7.9 tons per year.</p>
b.	OAC rule 3745-31-05(D)(1)	<p>Facility-wide emissions of any individual hazardous air pollutant (HAP) shall not exceed 4.4 tons per rolling, 12-month period.</p> <p>Facility-wide emissions of total combined HAPs shall not exceed 11.5 tons per rolling, 12-month period.</p>
c.	OAC rule 3745-21-15	See b)(2)a, b)(2)b and b)(2)c.
d.	OAC rule 3745-21-07(G)	The permittee shall use only non-photochemically reactive materials via OAC rule 3745-21-01(C)(5). See b)(2)d.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
e.	OAC rule 3745-114-01	See d)(7).

(2) Additional Terms and Conditions

- a. The permittee shall comply with the following limitations:
 - i. the VOC content of any topcoat shall not exceed 0.8 pound of VOC per pound of solids, as applied.
- b. The permittee shall prepare and maintain a written work practice implementation plan. The plan shall define environmentally desirable work practices for each wood furniture manufacturing operation and address each of the work practices contained in paragraphs (b) to (d) and (f) to (k) of 40 CFR 63.803.
- c. This rule shall become federally enforceable on the date the U.S. EPA approves this rule as a revision to the Ohio SIP for ozone.
- d. On February 18, 2008, OAC rule 3745-21-07 was revised in its entirety; therefore, the 21-07 rule that was in effect prior to this date is no longer part of the State regulations. On April 4, 2008, the rule revision was submitted to the U.S. EPA as a revision to Ohio's State Implementation Plan (SIP); however, until the U.S. EPA approves the revision to OAC rule 3745-21-07, the requirement to comply with the previous 21-07 rule provisions still exists as part of the federally-approved SIP for Ohio. The following terms and conditions shall become void after U.S. EPA approves the rule revision: d)(6) and f)(1)f.

c) Operational Restrictions

- (1) None.

d) Monitoring and/or Recordkeeping Requirements

- (1) In order to determine daily VOC emissions the permittee shall collect and record the following information each day:
 - a. the company identification of each coating employed;
 - b. the number of gallons of each coating employed;
 - c. the VOC content of each coating employed, in pounds per gallon; and
 - d. the total VOC emission rate for all coatings employed each day, calculated as the sum of b x c for each coating employed.
- (2) In order to determine monthly facility-wide VOC emissions from the use of cleanup, touchup and support materials the permittee shall collect and record the following information each month:

- a. the company identification of each such material employed;
 - b. the number of gallons of each such material employed;
 - c. the VOC content of each such material employed, in pounds per gallon; and
 - d. the total VOC emission rate from the use of all such materials, calculated as the sum of b x c for each such material.
- (3) In order to determine the rolling, 12-month emissions of HAP the permittee shall collect and record the following information each month:
- a. the company identification for each coating, cleanup, touchup and support material employed;
 - b. the individual HAP content for each such material in pounds of individual HAP per gallon material employed, as applied;
 - c. the total combined HAP content for each such material employed, as applied;
 - d. the number of gallons of each such material employed;
 - e. the monthly emissions of each HAP, calculated as the sum of b x d for each such material employed; and
 - f. the monthly emissions of total combined HAPs, calculated as the sum of c x d for each such material employed.
- (4) The permittee shall employ the following procedures for determining the VOC content and solids content of a coating.
- a. The as-applied VOC content of a finishing material that is applied by a continuous coater shall be determined by the VOC content of the finishing material in the reservoir and the VOC content as calculated from records.
 - b. The VOC content and solids content of a coating shall be determined in accordance with paragraph (B) of OAC rule 3745-21-10 wherein formulation data or USEPA Method 24 procedures (which include various ASTM measurement methods) may be employed.
 - c. A certified product data sheet that provides data on VOC content and solids content shall be used by the permittee provided that any data based upon a measurement method shall be a measurement method that meets paragraph (I) of OAC rule 3745-21-15.
- (5) All records required under OAC rule 3745-21-15(K) shall be retained for a period of not less than five years and shall be made available to the Director or any authorized representative of the director for review during normal business hours. The following types of records are to be maintained.

- a. Compliance demonstration records for finishing operations:
 - i. a record of the VOC emission requirement elected to be met under any one paragraph of paragraphs (D)(1) to (D)(5) of OAC rule 3745-21-15 for each day of operation of the finishing operation;
 - ii. a certified product data sheet for each finishing material that is subject to a VOC emission requirement elected to be met under paragraph (K)(2)(a) of OAC rule 3745-21-15, and a certified product data sheet for any thinners or other VOC material added to the finishing materials before application; and
 - iii. a record of the VOC content, in pounds of VOC per pound of solids, as applied, of each finishing material, other than a stain, that is subject to a VOC content limit or a daily VOC emissions limit under paragraph (D) of OAC rule 3745-21-15, including documentation on any thinner or other VOC added to the finishing material before application.
 - b. Work practice implementation plan records:
 - i. records demonstrating that the operator training program required by 40 CFR 63.803(b) is in place;
 - ii. records collected in accordance with the inspection and maintenance plan required by 40 CFR 63.803(h)(5);
 - iii. records associated with the cleaning solvent accounting system required by 40 CFR 63.803(d);
 - iv. records associated with the limitation on the use of conventional air spray guns showing total finishing material usage and the percentage of finishing materials applied with conventional air spray guns for each semi-annual period as required by 40 CFR 63.803(h)(5); and
 - v. copies of documentation such as logs developed to demonstrate that the other provisions of the work practice implementation plan are followed.
- (6) In order to demonstrate compliance with OAC rule 3745-21-07(G) the permittee shall maintain records of each coating and cleanup material employed and a determination of whether each such material is photochemically reactive as defined in OAC rule 3745-21-01(C)(5).
- (7) Modeling to demonstrate compliance with the "Toxic Air Contaminant Statute", ORC 3704.03(F)(4)(b), was not necessary because the emissions unit's maximum annual emissions for each toxic air contaminant, as defined in OAC rule 3745-114-01, will be less than 1.0 ton per year. OAC Chapter 3745-31 requires permittees to apply for and obtain a new or modified FEPTIO prior to making a "modification" as defined by OAC rule 3745-31-01. The permittee is hereby advised that changes in the composition of the materials, or use of new materials, that would cause the emissions of any toxic air contaminant to increase to above 1.0 ton per year may require the permittee to apply for and obtain a new FEPTIO.

e) Reporting Requirements

- (1) The permittee shall submit written quarterly deviation reports that identify the following information:
 - a. any month in which the facility-wide emissions of any individual HAP exceeded 4.4 tons per rolling, 12-month period and the actual facility-wide emissions of any such HAP in each such month; and
 - b. any month in which the facility-wide emissions of total combined HAPs exceeded 11.5 tons per rolling, 12-month period and the actual facility-wide emissions of total combined HAPs in each such month.

- (2) The permittee shall submit semiannual compliance status reports concerning the requirements specified in OAC rule 3745-21-15 no later than thirty calendar days after the end of each six-month period to the Ohio EPA Northeast District Office. Reports shall be submitted no later than thirty calendar days after the end of each six-month period following the first report. For each semiannual compliance status report, the permittee shall submit the following information for the six-month period covered by the report:
 - a. For any finishing operation subject to paragraph (D) of OAC rule 3745-21-15, any changes to the previous reporting of which paragraph of paragraphs (D)(1) to (D)(5) of OAC rule 3745-21-15 is elected to be met.
 - b. For any topcoat or sealer that is applied by means of a continuous coater, any changes to the means of compliance previously reported. If the change pertains to the use of the procedures of paragraph (I)(5)(b) of OAC rule 3745-21-15 for the VOC content and viscosity measurements of a continuous coater, data that demonstrates the correlation between the viscosity of the finishing material and the VOC content of the finishing material in the reservoir.
 - c. Compliance certification for semiannual reporting period including the following compliance certifications, where applicable:
 - i. For any topcoat or sealer that is subject to the VOC content limit of paragraph (D)(1), (D)(2), (D)(4)(b), or (D)(5)(b) of OAC rule 3745-21-15 and that complies by the procedures of paragraphs (I)(1) to (I)(4) of OAC rule 3745-21-15, the compliance certification shall state that compliant coatings for topcoats and sealers, as applicable, have been used each operating day in the semiannual reporting period, or should otherwise identify the periods of use of noncompliant coatings for topcoats and sealers, as applicable, the reasons for the use of noncompliant coatings, and the amounts and VOC contents of each noncompliant coating used. Use of a noncompliant coating is a separate violation for each day the noncompliant coating is used.
 - ii. For any topcoat or sealer that is applied by means of a continuous coater, that is subject to the VOC content limit of paragraph (D)(1), (D)(2), (D)(4)(b), or (D)(5)(b) of OAC rule 3745-21-15, and that complies by the procedures of paragraph (I)(5) of OAC rule 3745-21-15, the compliance certification shall state the following, whichever is applicable:

- (a) The compliance certification shall state that compliant coatings, as determined by the procedures of paragraph (l)(5)(a) of OAC rule 3745-21-15, have been used each operating day in the semiannual reporting period, or should otherwise identify the periods of use of noncompliant coatings, the reasons for the use of noncompliant coatings, and the amounts and VOC contents of each noncompliant coating used. Use of a noncompliant coating is a separate violation for each day the noncompliant coating is used
 - (b) The compliance certification shall state that compliant coatings, as determined by the procedures of paragraph (l)(5)(b) of OAC rule 3745-21-15, have been used each operating day in the semiannual reporting period, or should otherwise identify the periods of use of noncompliant coatings, the reasons for the use of noncompliant coatings, and the amounts and VOC contents of each noncompliant coating used. Additionally, the certification shall state that the viscosity of the finishing material in the reservoir has not been less than the viscosity of the initial finishing material, that is, the material that is initially mixed and placed in the reservoir, for any day in the semiannual reporting period. Use of a noncompliant coating is a separate violation for each day the noncompliant coating is used.
 - iii. For wood furniture manufacturing operations subject to the work practice requirements of paragraph (F) of OAC rule 3745-21-15, the compliance certification shall state that the work practice implementation plan is being followed, or should otherwise identify the provisions of the plan that have not been implemented and each day the provisions were not implemented.
 - iv. The compliance certification shall identify and describe any corrective actions considered and implemented for any noncompliance being reported in the compliance certification.
 - v. The compliance certification shall be signed by a responsible official of the company that owns or operates the wood furniture manufacturing operations.
- (3) Annual Permit Evaluation Report (PER) forms will be mailed to the permittee at the end of the reporting period specified in the Authorization section of this permit. The permittee shall submit the PER in the form and manner provided by the Director by the due date identified in the Authorization section of this permit. The PER shall cover a reporting period of no more than 12 months for each air contaminant source identified in this permit.
- f) Testing Requirements
- (1) Compliance with the emission limitations in b)(1) and b)(2) of these terms and conditions shall be determined in accordance with the following methods:

a. Emission Limitations:

VOC emissions shall not exceed 13.0 pounds per day and 2.3 tons per year.

Applicable Compliance Method:

Compliance with the daily limitation shall be demonstrated through the record keeping requirements specified in d)(1)d. Compliance with the annual limitation shall be demonstrated by summing the daily emissions.

b. Emission Limitations:

VOC emissions from the use of facility-wide cleanup, touchup and support materials shall not exceed 1367 pounds per month and 7.9 tons per year.

Applicable Compliance Methods:

Compliance with the monthly limitation shall be demonstrated through the record keeping requirements specified in d)(2)d. The monthly emissions for each emissions unit shall be summed to determine the facility-wide emissions. Compliance with the annual limitation shall be demonstrated by summing the facility-wide monthly emissions.

c. Emission Limitation:

Facility-wide emissions of any individual HAP shall not exceed 4.4 tons per rolling, 12-month period.

Applicable Compliance Method:

Compliance with the monthly limitation shall be demonstrated through the record keeping requirements specified in d)(3)e. Each month the emissions from each emissions unit shall be summed. This amount will be summed with the previous 11 months' emissions to determine the rolling, 12-month facility-wide emissions.

d. Emission Limitation:

Facility-wide emissions of total combined HAPs shall not exceed 11.5 tons per rolling, 12-month period.

Applicable Compliance Method:

Compliance with the monthly limitation shall be demonstrated through the record keeping requirements specified in d)(3)f. Each month the emissions from each emissions unit shall be summed. This amount will be summed with the previous 11 months' emissions to determine the rolling, 12-month facility-wide emissions.

e. Emission Limitation:

The VOC content of any topcoat shall not exceed 0.8 pound of VOC per pound of solids, as applied.

Applicable Compliance Method:

Compliance shall be demonstrated through the record keeping requirements specified in d)(4) and d)(5).

f. Emission Limitation:

The permittee shall use only non-photochemically reactive materials via OAC rule 3745-21-01(C)(5).

Applicable Compliance Method:

Compliance shall be demonstrated through the record keeping requirements specified in d)(6).

g) Miscellaneous Requirements

(1) None.

4. R007, UV Molding Topcoat Spray Coater

Operations, Property and/or Equipment Description:

UV moulding topcoat spray coater

- a) This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).
 - (1) For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - a. d)(7)
 - (2) For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - a. b)(1)b
- b) Applicable Emissions Limitations and/or Control Requirements
 - (1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3)	<p>Volatile organic compounds (VOC) emissions shall not exceed 52.5 pounds per day and 9.5 tons per year.</p> <p>VOC emissions from the use of facility-wide cleanup, touchup and support materials shall not exceed 1367 pounds per month and 7.9 tons per year.</p>
b.	OAC rule 3745-31-05(D)(1)	<p>Facility-wide emissions of any individual hazardous air pollutant (HAP) shall not exceed 4.4 tons per rolling, 12-month period.</p> <p>Facility-wide emissions of total combined HAPs shall not exceed 11.5 tons per rolling, 12-month period.</p>
c.	OAC rule 3745-21-15	See b)(2)a, b)(2)b and b)(2)c.
d.	OAC rule 3745-21-07(G)	The permittee shall use only non-photochemically reactive materials via OAC rule 3745-21-01(C)(5). See b)(2)d.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
e.	OAC rule 3745-114-01	See d)(7).

(2) Additional Terms and Conditions

- a. The permittee shall comply with the following limitations:
 - i. the VOC content of any topcoat shall not exceed 0.8 pound of VOC per pound of solids, as applied.
- b. The permittee shall prepare and maintain a written work practice implementation plan. The plan shall define environmentally desirable work practices for each wood furniture manufacturing operation and address each of the work practices contained in paragraphs (b) to (d) and (f) to (k) of 40 CFR 63.803.
- c. This rule shall become federally enforceable on the date the U.S. EPA approves this rule as a revision to the Ohio SIP for ozone.
- d. On February 18, 2008, OAC rule 3745-21-07 was revised in its entirety; therefore, the 21-07 rule that was in effect prior to this date is no longer part of the State regulations. On April 4, 2008, the rule revision was submitted to the U.S. EPA as a revision to Ohio's State Implementation Plan (SIP); however, until the U.S. EPA approves the revision to OAC rule 3745-21-07, the requirement to comply with the previous 21-07 rule provisions still exists as part of the federally-approved SIP for Ohio. The following terms and conditions shall become void after U.S. EPA approves the rule revision: d)(6) and f)(1)f.

c) Operational Restrictions

- (1) None.

d) Monitoring and/or Recordkeeping Requirements

- (1) In order to determine daily VOC emissions the permittee shall collect and record the following information each day:
 - a. the company identification of each coating employed;
 - b. the number of gallons of each coating employed;
 - c. the VOC content of each coating employed, in pounds per gallon; and
 - d. the total VOC emission rate for all coatings employed each day, calculated as the sum of b x c for each coating employed.
- (2) In order to determine monthly facility-wide VOC emissions from the use of cleanup, touchup and support materials the permittee shall collect and record the following information each month:

- a. the company identification of each such material employed;
 - b. the number of gallons of each such material employed;
 - c. the VOC content of each such material employed, in pounds per gallon; and
 - d. the total VOC emission rate from the use of all such materials, calculated as the sum of b x c for each such material.
- (3) In order to determine the rolling, 12-month emissions of HAP the permittee shall collect and record the following information each month:
- a. the company identification for each coating, cleanup, touchup and support material employed;
 - b. the individual HAP content for each such material in pounds of individual HAP per gallon material employed, as applied;
 - c. the total combined HAP content for each such material employed, as applied;
 - d. the number of gallons of each such material employed;
 - e. the monthly emissions of each HAP, calculated as the sum of b x d for each such material employed; and
 - f. the monthly emissions of total combined HAPs, calculated as the sum of c x d for each such material employed.
- (4) The permittee shall employ the following procedures for determining the VOC content and solids content of a coating.
- a. The as-applied VOC content of a finishing material that is applied by a continuous coater shall be determined by the VOC content of the finishing material in the reservoir and the VOC content as calculated from records.
 - b. The VOC content and solids content of a coating shall be determined in accordance with paragraph (B) of OAC rule 3745-21-10 wherein formulation data or USEPA Method 24 procedures (which include various ASTM measurement methods) may be employed.
 - c. A certified product data sheet that provides data on VOC content and solids content shall be used by the permittee provided that any data based upon a measurement method shall be a measurement method that meets paragraph (I) of OAC rule 3745-21-15.
- (5) All records required under OAC rule 3745-21-15(K) shall be retained for a period of not less than five years and shall be made available to the Director or any authorized representative of the director for review during normal business hours. The following types of records are to be maintained.

- a. Compliance demonstration records for finishing operations:
 - i. a record of the VOC emission requirement elected to be met under any one paragraph of paragraphs (D)(1) to (D)(5) of OAC rule 3745-21-15 for each day of operation of the finishing operation;
 - ii. a certified product data sheet for each finishing material that is subject to a VOC emission requirement elected to be met under paragraph (K)(2)(a) of OAC rule 3745-21-15, and a certified product data sheet for any thinners or other VOC material added to the finishing materials before application; and
 - iii. a record of the VOC content, in pounds of VOC per pound of solids, as applied, of each finishing material, other than a stain, that is subject to a VOC content limit or a daily VOC emissions limit under paragraph (D) of OAC rule 3745-21-15, including documentation on any thinner or other VOC added to the finishing material before application.
 - b. Work practice implementation plan records:
 - i. records demonstrating that the operator training program required by 40 CFR 63.803(b) is in place;
 - ii. records collected in accordance with the inspection and maintenance plan required by 40 CFR 63.803(h)(5);
 - iii. records associated with the cleaning solvent accounting system required by 40 CFR 63.803(d);
 - iv. records associated with the limitation on the use of conventional air spray guns showing total finishing material usage and the percentage of finishing materials applied with conventional air spray guns for each semi-annual period as required by 40 CFR 63.803(h)(5); and
 - v. copies of documentation such as logs developed to demonstrate that the other provisions of the work practice implementation plan are followed.
- (6) In order to demonstrate compliance with OAC rule 3745-21-07(G) the permittee shall maintain records of each coating and cleanup material employed and a determination of whether each such material is photochemically reactive as defined in OAC rule 3745-21-01(C)(5).
- (7) Modeling to demonstrate compliance with the "Toxic Air Contaminant Statute", ORC 3704.03(F)(4)(b), was not necessary because the emissions unit's maximum annual emissions for each toxic air contaminant, as defined in OAC rule 3745-114-01, will be less than 1.0 ton per year. OAC Chapter 3745-31 requires permittees to apply for and obtain a new or modified FEPTIO prior to making a "modification" as defined by OAC rule 3745-31-01. The permittee is hereby advised that changes in the composition of the materials, or use of new materials, that would cause the emissions of any toxic air contaminant to increase to above 1.0 ton per year may require the permittee to apply for and obtain a new FEPTIO.

e) Reporting Requirements

- (1) The permittee shall submit written quarterly deviation reports that identify the following information:
 - a. any month in which the facility-wide emissions of any individual HAP exceeded 4.4 tons per rolling, 12-month period and the actual facility-wide emissions of any such HAP in each such month; and
 - b. any month in which the facility-wide emissions of total combined HAPs exceeded 11.5 tons per rolling, 12-month period and the actual facility-wide emissions of total combined HAPs in each such month.

- (2) The permittee shall submit semiannual compliance status reports concerning the requirements specified in OAC rule 3745-21-15 no later than thirty calendar days after the end of each six-month period to the Ohio EPA Northeast District Office. Reports shall be submitted no later than thirty calendar days after the end of each six-month period following the first report. For each semiannual compliance status report, the permittee shall submit the following information for the six-month period covered by the report:
 - a. For any finishing operation subject to paragraph (D) of OAC rule 3745-21-15, any changes to the previous reporting of which paragraph of paragraphs (D)(1) to (D)(5) of OAC rule 3745-21-15 is elected to be met.
 - b. For any topcoat or sealer that is applied by means of a continuous coater, any changes to the means of compliance previously reported. If the change pertains to the use of the procedures of paragraph (I)(5)(b) of OAC rule 3745-21-15 for the VOC content and viscosity measurements of a continuous coater, data that demonstrates the correlation between the viscosity of the finishing material and the VOC content of the finishing material in the reservoir.
 - c. Compliance certification for semiannual reporting period including the following compliance certifications, where applicable:
 - i. For any topcoat or sealer that is subject to the VOC content limit of paragraph (D)(1), (D)(2), (D)(4)(b), or (D)(5)(b) of OAC rule 3745-21-15 and that complies by the procedures of paragraphs (I)(1) to (I)(4) of OAC rule 3745-21-15, the compliance certification shall state that compliant coatings for topcoats and sealers, as applicable, have been used each operating day in the semiannual reporting period, or should otherwise identify the periods of use of noncompliant coatings for topcoats and sealers, as applicable, the reasons for the use of noncompliant coatings, and the amounts and VOC contents of each noncompliant coating used. Use of a noncompliant coating is a separate violation for each day the noncompliant coating is used.
 - ii. For any topcoat or sealer that is applied by means of a continuous coater, that is subject to the VOC content limit of paragraph (D)(1), (D)(2), (D)(4)(b), or (D)(5)(b) of OAC rule 3745-21-15, and that complies by the procedures of paragraph (I)(5) of OAC rule 3745-21-15, the compliance certification shall state the following, whichever is applicable:

- (a) The compliance certification shall state that compliant coatings, as determined by the procedures of paragraph (l)(5)(a) of OAC rule 3745-21-15, have been used each operating day in the semiannual reporting period, or should otherwise identify the periods of use of noncompliant coatings, the reasons for the use of noncompliant coatings, and the amounts and VOC contents of each noncompliant coating used. Use of a noncompliant coating is a separate violation for each day the noncompliant coating is used
 - (b) The compliance certification shall state that compliant coatings, as determined by the procedures of paragraph (l)(5)(b) of OAC rule 3745-21-15, have been used each operating day in the semiannual reporting period, or should otherwise identify the periods of use of noncompliant coatings, the reasons for the use of noncompliant coatings, and the amounts and VOC contents of each noncompliant coating used. Additionally, the certification shall state that the viscosity of the finishing material in the reservoir has not been less than the viscosity of the initial finishing material, that is, the material that is initially mixed and placed in the reservoir, for any day in the semiannual reporting period. Use of a noncompliant coating is a separate violation for each day the noncompliant coating is used.
 - iii. For wood furniture manufacturing operations subject to the work practice requirements of paragraph (F) of OAC rule 3745-21-15, the compliance certification shall state that the work practice implementation plan is being followed, or should otherwise identify the provisions of the plan that have not been implemented and each day the provisions were not implemented.
 - iv. The compliance certification shall identify and describe any corrective actions considered and implemented for any noncompliance being reported in the compliance certification.
 - v. The compliance certification shall be signed by a responsible official of the company that owns or operates the wood furniture manufacturing operations.
- (3) Annual Permit Evaluation Report (PER) forms will be mailed to the permittee at the end of the reporting period specified in the Authorization section of this permit. The permittee shall submit the PER in the form and manner provided by the Director by the due date identified in the Authorization section of this permit. The PER shall cover a reporting period of no more than 12 months for each air contaminant source identified in this permit.
- f) Testing Requirements
- (1) Compliance with the emission limitations in b)(1) and b)(2) of these terms and conditions shall be determined in accordance with the following methods:

a. Emission Limitations:

VOC emissions shall not exceed 52.5 pounds per day and 9.5 tons per year.

Applicable Compliance Methods:

Compliance with the daily limitation shall be demonstrated through the record keeping requirements specified in d)(1)d. Compliance with the annual limitation shall be demonstrated by summing the daily emissions.

b. Emission Limitations:

VOC emissions from the use of facility-wide cleanup, touchup and support materials shall not exceed 1367 pounds per month and 7.9 tons per year.

Applicable Compliance Methods:

Compliance with the monthly limitation shall be demonstrated through the record keeping requirements specified in d)(2)d. The monthly emissions for each emissions unit shall be summed to determine the facility-wide emissions. Compliance with the annual limitation shall be demonstrated by summing the facility-wide monthly emissions.

c. Emission Limitation:

Facility-wide emissions of any individual HAP shall not exceed 4.4 tons per rolling, 12-month period.

Applicable Compliance Method:

Compliance with the monthly limitation shall be demonstrated through the record keeping requirements specified in d)(3)e. Each month the emissions from each emissions unit shall be summed. This amount will be summed with the previous 11 months' emissions to determine the rolling, 12-month facility-wide emissions.

d. Emission Limitation:

Facility-wide emissions of total combined HAPs shall not exceed 11.5 tons per rolling, 12-month period.

Applicable Compliance Method:

Compliance with the monthly limitation shall be demonstrated through the record keeping requirements specified in d)(3)f. Each month the emissions from each emissions unit shall be summed. This amount will be summed with the previous 11 months' emissions to determine the rolling, 12-month facility-wide emissions.

e. Emission Limitation:

The VOC content of any topcoat shall not exceed 0.8 pound of VOC per pound of solids, as applied.

Applicable Compliance Method:

Compliance shall be demonstrated through the record keeping requirements specified in d)(4) and d)(5).

f. Emission Limitation:

The permittee shall use only non-photochemically reactive materials via OAC rule 3745-21-01(C)(5).

Applicable Compliance Method:

Compliance shall be demonstrated through the record keeping requirements specified in d)(6).

g) Miscellaneous Requirements

(1) None.

5. R009, UV Roll Coat Line No. 2

Operations, Property and/or Equipment Description:

UV roll coat line #2

- a) This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).
 - (1) For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - a. d)(7)
 - (2) For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - a. b)(1)b
- b) Applicable Emissions Limitations and/or Control Requirements
 - (1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3)	<p>Volatile organic compounds (VOC) emissions shall not exceed 2.4 pounds per day and 0.4 ton per year.</p> <p>VOC emissions from the use of facility-wide cleanup, touchup and support materials shall not exceed 1367 pounds per month and 7.9 tons per year.</p>
b.	OAC rule 3745-31-05(D)(1)	<p>Facility-wide emissions of any individual hazardous air pollutant (HAP) shall not exceed 4.4 tons per rolling, 12-month period.</p> <p>Facility-wide emissions of total combined HAPs shall not exceed 11.5 tons per rolling, 12-month period.</p>
c.	OAC rule 3745-21-15	See b)(2)a, b)(2)b and b)(2)c.
d.	OAC rule 3745-21-07(G)	The permittee shall use only non-photochemically reactive materials via OAC rule 3745-21-01(C)(5). See b)(2)d.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
e.	OAC rule 3745-114-01	See d)(7).

(2) Additional Terms and Conditions

- a. The permittee shall comply with the following limitations:
 - i. the VOC content of any topcoat shall not exceed 0.8 pound of VOC per pound of solids, as applied.
- b. The permittee shall prepare and maintain a written work practice implementation plan. The plan shall define environmentally desirable work practices for each wood furniture manufacturing operation and address each of the work practices contained in paragraphs (b) to (d) and (f) to (k) of 40 CFR 63.803.
- c. This rule shall become federally enforceable on the date the U.S. EPA approves this rule as a revision to the Ohio SIP for ozone.
- d. On February 18, 2008, OAC rule 3745-21-07 was revised in its entirety; therefore, the 21-07 rule that was in effect prior to this date is no longer part of the State regulations. On April 4, 2008, the rule revision was submitted to the U.S. EPA as a revision to Ohio's State Implementation Plan (SIP); however, until the U.S. EPA approves the revision to OAC rule 3745-21-07, the requirement to comply with the previous 21-07 rule provisions still exists as part of the federally-approved SIP for Ohio. The following terms and conditions shall become void after U.S. EPA approves the rule revision: d)(6) and f)(1)f.

c) Operational Restrictions

- (1) None.

d) Monitoring and/or Recordkeeping Requirements

- (1) In order to determine daily VOC emissions the permittee shall collect and record the following information each day:
 - a. the company identification of each coating employed;
 - b. the number of gallons of each coating employed;
 - c. the VOC content of each coating employed, in pounds per gallon; and
 - d. the total VOC emission rate for all coatings employed each day, calculated as the sum of b x c for each coating employed.
- (2) In order to determine monthly facility-wide VOC emissions from the use of cleanup, touchup and support materials the permittee shall collect and record the following information each month:
 - a. the company identification of each such material employed;
 - b. the number of gallons of each such material employed;

- c. the VOC content of each such material employed, in pounds per gallon; and
 - d. the total VOC emission rate from the use of all such materials, calculated as the sum of b x c for each such material.
- (3) In order to determine the rolling, 12-month emissions of HAP the permittee shall collect and record the following information each month:
- a. the company identification for each coating, cleanup, touchup and support material employed;
 - b. the individual HAP content for each such material in pounds of individual HAP per gallon material employed, as applied;
 - c. the total combined HAP content for each such material employed, as applied;
 - d. the number of gallons of each such material employed;
 - e. the monthly emissions of each HAP, calculated as the sum of b x d for each such material employed; and
 - f. the monthly emissions of total combined HAP, calculated as the sum of c x d for each such material employed.
- (4) The permittee shall employ the following procedures for determining the VOC content and solids content of a coating.
- a. The as-applied VOC content of a finishing material that is applied by a continuous coater shall be determined by the VOC content of the finishing material in the reservoir and the VOC content as calculated from records.
 - b. The VOC content and solids content of a coating shall be determined in accordance with paragraph (B) of OAC rule 3745-21-10 wherein formulation data or USEPA Method 24 procedures (which include various ASTM measurement methods) may be employed.
 - c. A certified product data sheet that provides data on VOC content and solids content shall be used by the permittee provided that any data based upon a measurement method shall be a measurement method that meets paragraph (I) of OAC rule 3745-21-15.
- (5) All records required under OAC rule 3745-21-15(K) shall be retained for a period of not less than five years and shall be made available to the Director or any authorized representative of the director for review during normal business hours. The following types of records are to be maintained.
- a. Compliance demonstration records for finishing operations:
 - i. a record of the VOC emission requirement elected to be met under any one paragraph of paragraphs (D)(1) to (D)(5) of OAC rule 3745-21-15 for each day of operation of the finishing operation;

- ii. a certified product data sheet for each finishing material that is subject to a VOC emission requirement elected to be met under paragraph (K)(2)(a) of OAC rule 3745-21-15, and a certified product data sheet for any thinners or other VOC material added to the finishing materials before application; and
 - iii. a record of the VOC content, in pounds of VOC per pound of solids, as applied, of each finishing material, other than a stain, that is subject to a VOC content limit or a daily VOC emissions limit under paragraph (D) of OAC rule 3745-21-15, including documentation on any thinner or other VOC added to the finishing material before application.
 - b. Work practice implementation plan records:
 - i. records demonstrating that the operator training program required by 40 CFR 63.803(b) is in place;
 - ii. records collected in accordance with the inspection and maintenance plan required by 40 CFR 63.803(h)(5);
 - iii. records associated with the cleaning solvent accounting system required by 40 CFR 63.803(d);
 - iv. records associated with the limitation on the use of conventional air spray guns showing total finishing material usage and the percentage of finishing materials applied with conventional air spray guns for each semi-annual period as required by 40 CFR 63.803(h)(5); and
 - v. copies of documentation such as logs developed to demonstrate that the other provisions of the work practice implementation plan are followed.
 - (6) In order to demonstrate compliance with OAC rule 3745-21-07(G) the permittee shall maintain records of each coating and cleanup material employed and a determination of whether each such material is photochemically reactive as defined in OAC rule 3745-21-01(C)(5).
 - (7) Modeling to demonstrate compliance with the "Toxic Air Contaminant Statute", ORC 3704.03(F)(4)(b), was not necessary because the emissions unit's maximum annual emissions for each toxic air contaminant, as defined in OAC rule 3745-114-01, will be less than 1.0 ton per year. OAC Chapter 3745-31 requires permittees to apply for and obtain a new or modified FEPTIO prior to making a "modification" as defined by OAC rule 3745-31-01. The permittee is hereby advised that changes in the composition of the materials, or use of new materials, that would cause the emissions of any toxic air contaminant to increase to above 1.0 ton per year may require the permittee to apply for and obtain a new FEPTIO.
- e) Reporting Requirements
- (1) The permittee shall submit written quarterly deviation reports that identify the following information:

- a. any month in which the facility-wide emissions of any individual HAP exceeded 4.4 tons per rolling, 12-month period and the actual facility-wide emissions of any such HAP in each such month; and
 - b. any month in which the facility-wide emissions of total combined HAPs exceeded 11.5 tons per rolling, 12-month period and the actual facility-wide emissions of total combined HAPs in each such month.
- (2) The permittee shall submit semiannual compliance status reports concerning the requirements specified in OAC rule 3745-21-15 no later than thirty calendar days after the end of each six-month period to the Ohio EPA Northeast District Office. Reports shall be submitted no later than thirty calendar days after the end of each six-month period following the first report. For each semiannual compliance status report, the permittee shall submit the following information for the six-month period covered by the report:
- a. For any finishing operation subject to paragraph (D) of OAC rule 3745-21-15, any changes to the previous reporting of which paragraph of paragraphs (D)(1) to (D)(5) of OAC rule 3745-21-15 is elected to be met.
 - b. For any topcoat or sealer that is applied by means of a continuous coater, any changes to the means of compliance previously reported. If the change pertains to the use of the procedures of paragraph (I)(5)(b) of OAC rule 3745-21-15 for the VOC content and viscosity measurements of a continuous coater, data that demonstrates the correlation between the viscosity of the finishing material and the VOC content of the finishing material in the reservoir.
 - c. Compliance certification for semiannual reporting period including the following compliance certifications, where applicable:
 - i. For any topcoat or sealer that is subject to the VOC content limit of paragraph (D)(1), (D)(2), (D)(4)(b), or (D)(5)(b) of OAC rule 3745-21-15 and that complies by the procedures of paragraphs (I)(1) to (I)(4) of OAC rule 3745-21-15, the compliance certification shall state that compliant coatings for topcoats and sealers, as applicable, have been used each operating day in the semiannual reporting period, or should otherwise identify the periods of use of noncompliant coatings for topcoats and sealers, as applicable, the reasons for the use of noncompliant coatings, and the amounts and VOC contents of each noncompliant coating used. Use of a noncompliant coating is a separate violation for each day the noncompliant coating is used.
 - ii. For any topcoat or sealer that is applied by means of a continuous coater, that is subject to the VOC content limit of paragraph (D)(1), (D)(2), (D)(4)(b), or (D)(5)(b) of OAC rule 3745-21-15, and that complies by the procedures of paragraph (I)(5) of OAC rule 3745-21-15, the compliance certification shall state the following, whichever is applicable:
 - (a) The compliance certification shall state that compliant coatings, as determined by the procedures of paragraph (I)(5)(a) of OAC rule 3745-21-15, have been used each operating day in the semiannual reporting period, or should otherwise identify the

periods of use of noncompliant coatings, the reasons for the use of noncompliant coatings, and the amounts and VOC contents of each noncompliant coating used. Use of a noncompliant coating is a separate violation for each day the noncompliant coating is used

- (b) The compliance certification shall state that compliant coatings, as determined by the procedures of paragraph (1)(5)(b) of OAC rule 3745-21-15, have been used each operating day in the semiannual reporting period, or should otherwise identify the periods of use of noncompliant coatings, the reasons for the use of noncompliant coatings, and the amounts and VOC contents of each noncompliant coating used. Additionally, the certification shall state that the viscosity of the finishing material in the reservoir has not been less than the viscosity of the initial finishing material, that is, the material that is initially mixed and placed in the reservoir, for any day in the semiannual reporting period. Use of a noncompliant coating is a separate violation for each day the noncompliant coating is used.
 - iii. For wood furniture manufacturing operations subject to the work practice requirements of paragraph (F) of OAC rule 3745-21-15, the compliance certification shall state that the work practice implementation plan is being followed, or should otherwise identify the provisions of the plan that have not been implemented and each day the provisions were not implemented.
 - iv. The compliance certification shall identify and describe any corrective actions considered and implemented for any noncompliance being reported in the compliance certification.
 - v. The compliance certification shall be signed by a responsible official of the company that owns or operates the wood furniture manufacturing operations.
- (3) Annual Permit Evaluation Report (PER) forms will be mailed to the permittee at the end of the reporting period specified in the Authorization section of this permit. The permittee shall submit the PER in the form and manner provided by the Director by the due date identified in the Authorization section of this permit. The PER shall cover a reporting period of no more than 12 months for each air contaminant source identified in this permit.
- f) Testing Requirements
 - (1) Compliance with the emission limitations in b)(1) and b)(2) of these terms and conditions shall be determined in accordance with the following methods:
 - a. Emission Limitations:

VOC emissions shall not exceed 2.4 pounds per day and 0.4 ton per year.

Applicable Compliance Methods:

Compliance with the daily limitation shall be demonstrated through the record keeping requirements specified in d)(1)d. Compliance with the annual limitation shall be demonstrated by summing the daily emissions.

b. Emission Limitations:

VOC emissions from the use of facility-wide cleanup, touchup and support materials shall not exceed 1367 pounds per month and 7.9 tons per year.

Applicable Compliance Methods:

Compliance with the monthly limitation shall be demonstrated through the record keeping requirements specified in d)(2)d. The monthly emissions for each emissions unit shall be summed to determine the facility-wide emissions. Compliance with the annual limitation shall be demonstrated by summing the facility-wide monthly emissions.

c. Emission Limitation:

Facility-wide emissions of any individual HAP shall not exceed 4.4 tons per rolling, 12-month period.

Applicable Compliance Method:

Compliance with the monthly limitation shall be demonstrated through the record keeping requirements specified in d)(3)e. Each month the emissions from each emissions unit shall be summed. This amount will be summed with the previous 11 months' emissions to determine the rolling, 12-month facility-wide emissions.

d. Emission Limitation:

Facility-wide emissions of total combined HAPs shall not exceed 11.5 tons per rolling, 12-month period.

Applicable Compliance Method:

Compliance with the monthly limitation shall be demonstrated through the record keeping requirements specified in d)(3)f. Each month the emissions from each emissions unit shall be summed. This amount will be summed with the previous 11 months' emissions to determine the rolling, 12-month facility-wide emissions.

e. Emission Limitation:

The VOC content of any topcoat shall not exceed 0.8 pound of VOC per pound of solids, as applied.

Applicable Compliance Method:

Compliance shall be demonstrated through the record keeping requirements specified in d)(4) and d)(5).

f. Emission Limitation:

The permittee shall use only non-photochemically reactive materials via OAC rule 3745-21-01(C)(5).

Applicable Compliance Method:

Compliance shall be demonstrated through the record keeping requirements specified in d)(6).

g) Miscellaneous Requirements

- (1) None.

6. Emissions Unit Group -K001 & R001: K001, R001,

EU ID	Operations, Property and/or Equipment Description
K001	UV Line Number 3 (See Section A.I.2.a) using air assisted and airless methods of coating application
R001	UV stain roll coating line

a) This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

(1) For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.

a. d)(7)

(2) For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.

a. b)(1)b

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3)	<p>Volatile organic compounds (VOC) emissions shall not exceed 83.5 pounds per day and 15.2 tons per year.</p> <p>VOC emission from the use of facility-wide cleanup, touchup and support materials shall not exceed 1367 pounds per month and 7.9 tons per year.</p>
b.	OAC rule 3745-31-05(D)(1)	<p>Facility-wide emissions of any individual hazardous air pollutant (HAP) shall not exceed 4.4 tons per rolling, 12-month period.</p> <p>Facility-wide emissions of total combined HAPs shall not exceed 11.5 tons per rolling, 12-month period.</p>
c.	OAC rule 3745-21-15	See b)(2)a, b)(2)b and b)(2)c.
d.	OAC rule 3745-21-07(G)	The permittee shall use only non-

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		photochemically reactive materials via OAC rule 3745-21-01(C)(5). See b)(2)d.
e.	OAC rule 3745-114-01	See d)(7).

(2) Additional Terms and Conditions

- a. The permittee shall comply with the following limitations:
 - i. the VOC content of any topcoat shall not exceed 0.8 pound of VOC per pound of solids, as applied.
- b. The permittee shall prepare and maintain a written work practice implementation plan. The plan shall define environmentally desirable work practices for each wood furniture manufacturing operation and address each of the work practices contained in paragraphs (b) to (d) and (f) to (k) of 40 CFR 63.803.
- c. This rule shall become federally enforceable on the date the U.S. EPA approves this rule as a revision to the Ohio SIP for ozone.
- d. On February 18, 2008, OAC rule 3745-21-07 was revised in its entirety; therefore, the 21-07 rule that was in effect prior to this date is no longer part of the State regulations. On April 4, 2008, the rule revision was submitted to the U.S. EPA as a revision to Ohio's State Implementation Plan (SIP); however, until the U.S. EPA approves the revision to OAC rule 3745-21-07, the requirement to comply with the previous 21-07 rule provisions still exists as part of the federally-approved SIP for Ohio. The following terms and conditions shall become void after U.S. EPA approves the rule revision: d)(6) and f)(1)f.

c) Operational Restrictions

- (1) None.

d) Monitoring and/or Recordkeeping Requirements

- (1) In order to determine daily VOC emissions the permittee shall collect and record the following information each day:
 - a. the company identification of each coating employed;
 - b. the number of gallons of each coating employed;
 - c. the VOC content of each coating employed, in pounds per gallon; and
 - d. the total VOC emission rate for all coatings employed each day, calculated as the sum of b x c for each coating employed.
- (2) In order to determine monthly facility-wide VOC emissions from the use of cleanup, touchup and support materials the permittee shall collect and record the following information each month:

- a. the company identification of each such material employed;
 - b. the number of gallons of each such material employed;
 - c. the VOC content of each such material employed, in pounds per gallon; and
 - d. the total VOC emission rate from the use of all such materials, calculated as the sum of $b \times c$ for each such material.
- (3) In order to determine the rolling, 12-month emissions of HAP the permittee shall collect and record the following information each month:
- a. the company identification for each coating, cleanup, touchup and support material employed;
 - b. the individual HAP content for each such material in pounds of individual HAP per gallon material employed, as applied;
 - c. the total combined HAP content for each such material employed, as applied;
 - d. the number of gallons of each such material employed;
 - e. the monthly emissions of each HAP, calculated as the sum of $b \times d$ for each such material employed; and
 - f. the monthly emissions of total combined HAPs, calculated as the sum of $c \times d$ for each such material employed.
- (4) The permittee shall employ the following procedures for determining the VOC content and solids content of a coating.
- a. The as-applied VOC content of a finishing material that is applied by a continuous coater shall be determined by the VOC content of the finishing material in the reservoir and the VOC content as calculated from records.
 - b. The VOC content and solids content of a coating shall be determined in accordance with paragraph (B) of OAC rule 3745-21-10 wherein formulation data or USEPA Method 24 procedures (which include various ASTM measurement methods) may be employed.
 - c. A certified product data sheet that provides data on VOC content and solids content shall be used by the permittee provided that any data based upon a measurement method shall be a measurement method that meets paragraph (I) of OAC rule 3745-21-15.
- (5) All records required under OAC rule 3745-21-15(K) shall be retained for a period of not less than five years and shall be made available to the Director or any authorized representative of the director for review during normal business hours. The following types of records are to be maintained.

- a. Compliance demonstration records for finishing operations:
 - i. a record of the VOC emission requirement elected to be met under any one paragraph of paragraphs (D)(1) to (D)(5) of OAC rule 3745-21-15 for each day of operation of the finishing operation;
 - ii. a certified product data sheet for each finishing material that is subject to a VOC emission requirement elected to be met under paragraph (K)(2)(a) of OAC rule 3745-21-15, and a certified product data sheet for any thinners or other VOC material added to the finishing materials before application; and
 - iii. a record of the VOC content, in pounds of VOC per pound of solids, as applied, of each finishing material, other than a stain, that is subject to a VOC content limit or a daily VOC emissions limit under paragraph (D) of OAC rule 3745-21-15, including documentation on any thinner or other VOC added to the finishing material before application.
 - b. Work practice implementation plan records:
 - i. records demonstrating that the operator training program required by 40 CFR 63.803(b) is in place;
 - ii. records collected in accordance with the inspection and maintenance plan required by 40 CFR 63.803(h)(5);
 - iii. records associated with the cleaning solvent accounting system required by 40 CFR 63.803(d);
 - iv. records associated with the limitation on the use of conventional air spray guns showing total finishing material usage and the percentage of finishing materials applied with conventional air spray guns for each semi-annual period as required by 40 CFR 63.803(h)(5); and
 - v. copies of documentation such as logs developed to demonstrate that the other provisions of the work practice implementation plan are followed.
- (6) In order to demonstrate compliance with OAC rule 3745-21-07(G) the permittee shall maintain records of each coating and cleanup material employed and a determination of whether each such material is photochemically reactive as defined in OAC rule 3745-21-01(C)(5).
- (7) Modeling to demonstrate compliance with the "Toxic Air Contaminant Statute", ORC 3704.03(F)(4)(b), was not necessary because the emissions unit's maximum annual emissions for each toxic air contaminant, as defined in OAC rule 3745-114-01, will be less than 1.0 ton per year. OAC Chapter 3745-31 requires permittees to apply for and obtain a new or modified FEPTIO prior to making a "modification" as defined by OAC rule 3745-31-01. The permittee is hereby advised that changes in the composition of the materials, or use of new materials, that would cause the emissions of any toxic air contaminant to increase to above 1.0 ton per year may require the permittee to apply for and obtain a new FEPTIO.

e) Reporting Requirements

- (1) The permittee shall submit written quarterly deviation reports that identify the following information:
 - a. any month in which the facility-wide emissions of any individual HAP exceeded 4.4 tons per rolling, 12-month period and the actual facility-wide emissions of any such HAP in each such month; and
 - b. any month in which the facility-wide emissions of total combined HAPs exceeded 11.5 tons per rolling, 12-month period and the actual facility-wide emissions of total combined HAPs in each such month.
- (2) The permittee shall submit semiannual compliance status reports concerning the requirements specified in OAC rule 3745-21-15 no later than thirty calendar days after the end of each six-month period to the Ohio EPA Northeast District Office. Reports shall be submitted no later than thirty calendar days after the end of each six-month period following the first report. For each semiannual compliance status report, the permittee shall submit the following information for the six-month period covered by the report:
 - a. For any finishing operation subject to paragraph (D) of OAC rule 3745-21-15, any changes to the previous reporting of which paragraph of paragraphs (D)(1) to (D)(5) of OAC rule 3745-21-15 is elected to be met.
 - b. For any topcoat or sealer that is applied by means of a continuous coater, any changes to the means of compliance previously reported. If the change pertains to the use of the procedures of paragraph (I)(5)(b) of OAC rule 3745-21-15 for the VOC content and viscosity measurements of a continuous coater, data that demonstrates the correlation between the viscosity of the finishing material and the VOC content of the finishing material in the reservoir.
 - c. Compliance certification for semiannual reporting period including the following compliance certifications, where applicable:
 - i. For any topcoat or sealer that is subject to the VOC content limit of paragraph (D)(1), (D)(2), (D)(4)(b), or (D)(5)(b) of OAC rule 3745-21-15 and that complies by the procedures of paragraphs (I)(1) to (I)(4) of OAC rule 3745-21-15, the compliance certification shall state that compliant coatings for topcoats and sealers, as applicable, have been used each operating day in the semiannual reporting period, or should otherwise identify the periods of use of noncompliant coatings for topcoats and sealers, as applicable, the reasons for the use of noncompliant coatings, and the amounts and VOC contents of each noncompliant coating used. Use of a noncompliant coating is a separate violation for each day the noncompliant coating is used.
 - ii. For any topcoat or sealer that is applied by means of a continuous coater, that is subject to the VOC content limit of paragraph (D)(1), (D)(2), (D)(4)(b), or (D)(5)(b) of OAC rule 3745-21-15, and that complies by the procedures of paragraph (I)(5) of OAC rule 3745-21-15, the compliance certification shall state the following, whichever is applicable:

- (a) The compliance certification shall state that compliant coatings, as determined by the procedures of paragraph (l)(5)(a) of OAC rule 3745-21-15, have been used each operating day in the semiannual reporting period, or should otherwise identify the periods of use of noncompliant coatings, the reasons for the use of noncompliant coatings, and the amounts and VOC contents of each noncompliant coating used. Use of a noncompliant coating is a separate violation for each day the noncompliant coating is used
 - (b) The compliance certification shall state that compliant coatings, as determined by the procedures of paragraph (l)(5)(b) of OAC rule 3745-21-15, have been used each operating day in the semiannual reporting period, or should otherwise identify the periods of use of noncompliant coatings, the reasons for the use of noncompliant coatings, and the amounts and VOC contents of each noncompliant coating used. Additionally, the certification shall state that the viscosity of the finishing material in the reservoir has not been less than the viscosity of the initial finishing material, that is, the material that is initially mixed and placed in the reservoir, for any day in the semiannual reporting period. Use of a noncompliant coating is a separate violation for each day the noncompliant coating is used.
 - iii. For wood furniture manufacturing operations subject to the work practice requirements of paragraph (F) of OAC rule 3745-21-15, the compliance certification shall state that the work practice implementation plan is being followed, or should otherwise identify the provisions of the plan that have not been implemented and each day the provisions were not implemented.
 - iv. The compliance certification shall identify and describe any corrective actions considered and implemented for any noncompliance being reported in the compliance certification.
 - v. The compliance certification shall be signed by a responsible official of the company that owns or operates the wood furniture manufacturing operations.
 - (3) Annual Permit Evaluation Report (PER) forms will be mailed to the permittee at the end of the reporting period specified in the Authorization section of this permit. The permittee shall submit the PER in the form and manner provided by the Director by the due date identified in the Authorization section of this permit. The PER shall cover a reporting period of no more than 12 months for each air contaminant source identified in this permit.
- f) Testing Requirements
- (1) Compliance with the emission limitations in b)(1) and b)(2) of these terms and conditions shall be determined in accordance with the following methods:

a. Emission Limitations:

Emissions of VOC shall not exceed 83.5 pounds per day and 15.2 tons per year.

Applicable Compliance Methods:

Compliance with the daily limitation shall be demonstrated through the record keeping requirements specified in d)(1)d. Compliance with the annual limitation shall be demonstrated by summing the daily emissions.

b. Emission Limitations:

VOC emissions from the use of facility-wide cleanup, touchup and support materials shall not exceed 1367 pounds per month and 7.9 tons per year.

Applicable Compliance Methods:

Compliance with the monthly limitation shall be demonstrated through the record keeping requirements specified in d)(2)d. The monthly emissions for each emissions unit shall be summed to determine the facility-wide emissions. Compliance with the annual limitation shall be demonstrated by summing the facility-wide monthly emissions.

c. Emission Limitation:

Facility-wide emissions of any individual HAP shall not exceed 4.4 tons per rolling, 12-month period.

Applicable Compliance Method:

Compliance with the monthly limitation shall be demonstrated through the record keeping requirements specified in d)(3)e. Each month the emissions from each emissions unit shall be summed. This amount will be summed with the previous 11 months' emissions to determine the rolling, 12-month facility-wide emissions.

d. Emission Limitation:

Facility-wide emissions of total combined HAPs shall not exceed 11.5 tons per rolling, 12-month period.

Applicable Compliance Method:

Compliance with the monthly limitation shall be demonstrated through the record keeping requirements specified in d)(3)f. Each month the emissions from each emissions unit shall be summed. This amount will be summed with the previous 11 months' emissions to determine the rolling, 12-month facility-wide emissions.

e. Emission Limitation:

The VOC content of any topcoat shall not exceed 0.8 pound of VOC per pound of solids, as applied.

Applicable Compliance Method:

Compliance shall be demonstrated through the record keeping requirements specified in d)(4) and d)(5).

f. Emission Limitation:

The permittee shall use only non-photochemically reactive materials via OAC rule 3745-21-01(C)(5).

Applicable Compliance Method:

Compliance shall be demonstrated through the record keeping requirements specified in d)(6).

g) Miscellaneous Requirements

(1) None.