State of Ohio Environmental Protection Agency

STREET ADDRESS:
Lazarus Government Center
50 W. Town St., Suite 700
Columbus, Ohio 43215

TELE: (614) 644-3020 FAX: (614) 644-3184
www.epa.state.oh.us

MAILING ADDRESS:
P.O. Box 1049
Columbus, OH 43216-1049

4/7/2009

Certified Mail

Yes	TOXIC REVIEW
No	PSD
No	SYNTHETIC MINOR
No	CEMS
No	MACT
No	NSPS
No	NESHAPS
No	NETTING
No	MAJOR NON-ATTAINMENT
No	MODELING SUBMITTED

Dennis Yutzy
dba Yutzy's Finishing
6995 T.R. 654
Millersburg, OH 44654

RE: DRAFT AIR POLLUTION PERMIT-TO-INSTALL AND OPERATE
Facility ID: 0238000158
Permit Number: P0104650
Permit Type: Initial Installation
County: Holmes

Dear Permit Holder:

A draft of the Ohio Administrative Code (OAC) Chapter 3745-31 Air Pollution Permit-to-Install and Operate 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 comments on the permit. A public notice will appear in the Ohio EPA Weekly Review and the local newspaper, Holmes County Hub. A copy of the public notice and the draft permit are enclosed. This permit has been posted to the Division of Air Pollution Control Web page http://www.epa.state.oh.us/dapc in Microsoft Word and Adobe Acrobat format. 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 43087

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 and operate 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 and Operate 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

Michael W. Ahern, Manager
Permit Issuance and Data Management Section, DAPC

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

Permit Strategy Write-Up

1. Check all that apply:

   _X_ Synthetic Minor Determination

   ___ Netting Determination

2. Source Description:
   Yutzy Woodwooding, dba Yutzy's Finishing, is a finisher of wood furniture.

3. Facility Emissions and Attainment Status:
   The facility is located in Holmes County, which is unclassified for all criteria pollutants. The facility currently emits OC from two existing furniture finishing spray booths, R001 and R002, and is proposing two additional manual coating booths, R003 and R004.

   The facility is currently is subject to state permitting only. The addition of emissions units R003 and R004 will increase the potential VOC emission above the Title V threshold. Uncontrolled HAP emissions are less than the Title V and MACT thresholds.

4. Source Emissions:
   This permit action for R001 and R002 is to increase the short term VOC emission limitations and to impart federally enforceable emission limitation on annual VOC emission in order to avoid the Title V permitting program.

   R001 is a cross draft booth with one manual spray gun to apply coatings to wood furniture. Pieces are manually moved and air dried. Potential uncontrolled VOC emissions are 70.04 tons per year.

   R002 is a cross draft booth with one manual spray gun to apply coatings to wood furniture. Pieces are manually moved and air dried. Potential uncontrolled VOC emissions are 79.98 tons per year.

   R003 is a proposed cross draft booth with one manual spray gun to apply coatings to wood furniture. Pieces are manually moved and air dried. Potential uncontrolled VOC emissions are 70.04 tons per year.

   R004 is a proposed cross draft booth with one manual spray gun to apply coatings to wood furniture. Pieces are manually moved and air dried. Potential uncontrolled VOC emissions are 79.98 tons per year.

   The facility proposed to limit VOC emissions by limiting the material VOC usage from R001, R002, R003 and R004, combined to 24.9 tons per rolling, 12-month period by limiting. Daily and monthly record keeping of the material VOC usage demonstrates compliance with this limitation.

5. Conclusion:
   The facility proposed to limit VOC emissions by limiting the material VOC usage from R001, R002, R003 and R004, combined to 24.9 tons per rolling, 12-month period. Daily and monthly record keeping of the material VOC usage in this permit demonstrates compliance with this limitation.
   These federally enforceable limits on the material VOC usage, as a rolling, 12-month is sufficient to reduce the facility-wide PTE for VOC to 24.9 tons per year, below the 100 tons Title V threshold.

6. Please provide additional notes or comments as necessary:

dba Yutzy's Finishing is a finisher of wood furniture. The facility is located in Holmes County.

This is the first federally enforceable permit for the facility. Emissions unit R001 and R002 were previously permitted under PTI 02-22408 issued 1/16/2007. This FEPTIO imparts federally enforceable limit on R001 and R002 for annual VOC emissions from these two emissions units and from R003 and R004, combined. R003 and R004 are two propose manual wood coating operations being concurrently permitted under FEPTIO P0104650.

The facility requested to limit annual VOC emissions to less than 25 tons per year in order to avoid the limitation in OAC rule 3745-21-15 since BAT should not be less stringent than any RACT rule. (OAC rule 3745-21-15 does not yet apply state-wide) These limits were placed in the facility-wide section and are both federally and state enforceable.

Air Toxics: Worst case AT is mineral spirits and was demonstrated to be less than 80% of the threshold only with restrictions . The air toxic requirements were place in the facility-wide section and are only enforceable by the state.

Emissions units R001 and R002 were grouped for permitting purposes.
Each emissions unit is still subject to OAC rule 3745-21-07(G)(2). Detailed sunsetting language was included with each emissions limit, monitoring and recordkeeping, and testing paragraph.

Each emissions unit is subject to OAC rule 3745-17-11(C).

Since the emissions units are subject to OAC rule 3745-17-11(C), the emissions units were exempt from the particulate limits from 17-11. Since no particulate limit applies, an opacity standard also does not apply from OAC rule 3745-17-07(A).

Fee 2 units X $200 (PWR <1000 lbs/hr) = $400

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

Pollutant	Tons Per Year
VOC	24.9

Holmes County

PUBLIC NOTICE
Issuance of Draft Air Pollution Permit-To-Install and Operate
dba Yutzy's Finishing

Issue Date: 4/7/2009
Permit Number: P0104650
Permit Type: Initial Installation
Permit Description: Initial installation of two wood furniture coating operations
Facility ID: 0238000158
Facility Location: dba Yutzy's Finishing
6899 CO RD 672,
Millersburg, OH 44654
Facility Description: Nonupholstered Wood Household Furniture Manufacturing

Chris Korleski, 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 Amysue O'Reilly at Ohio EPA DAPC, Northeast District Office, 2110 East Aurora Road or (330)425-9171. The permit can be downloaded from the Web page: www.epa.state.oh.us/dapc

State of Ohio Environmental Protection Agency
Division of Air Pollution Control

DRAFT

Air Pollution Permit-to-Install and Operate
for
dba Yutzy's Finishing

Facility ID: 0238000158
Permit Number: P0104650
Permit Type: Initial Installation
Issued: 4/7/2009
Effective: To be entered upon final issuance
Expiration: To be entered upon final issuance

State of Ohio Environmental Protection Agency
Division of Air Pollution Control

Air Pollution Permit-to-Install and Operate
for
dba Yutzy's Finishing

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Authorization

Facility ID: 0238000158
Application Number(s): A0037178
Permit Number: P0104650
Permit Description: Initial installation of two wood furniture coating operations
Permit Type: Initial Installation
Permit Fee: $400.00 *DO NOT send payment at this time - subject to change before final issuance*
Issue Date: 4/7/2009
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:

dba Yutzy's Finishing
6899 CO RD 672
Millersburg, OH 44654

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 43087
(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

Chris Korleski
Director

Authorization (continued)

Permit Number: P0104650
Permit Description: Initial installation of two wood furniture coating operations

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

Group Name: New Coating Operations

Emissions Unit ID:	**R003**
Company Equipment ID:	spray booth #3
Superseded Permit Number:	
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	**R004**
Company Equipment ID:	spray booth #4
Superseded Permit Number:	
General Permit Category and Type:	Not Applicable

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. For facilities that are permitted as synthetic minor sources, the fee schedule is adjusted annually for inflation. 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 submitting 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 emission 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.

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) 2.a)(1)b., 2.b)(2), 2.c)(2) through 2.c)(6), and 2.d)(3).

   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) 2.a)(1)a., 2.b)(1), 2.c)(1), 2.d(1) and 2.e)(1)a.

2. Voluntary Restrictions to Avoid Title V and Major Stationary Source

   a) Applicable Emissions Limitations and/or Control Requirements

      (1) The specific operations(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. 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(D)(1)(a)	The VOC emissions from all coatings and cleanup materials shall not exceed 24.9 tons of per rolling, 12-month period from R001, R002, R003 and R004, combined.
b.	OAC rule 3745-114-01 ORC 3704.03(F)(4)(c)	See b)(2) below.

   b) Operational Restrictions

      (1) The maximum emissions from coating and cleanup material usage for this emissions unit and for emissions units R001, R002, R003 and R004, combined, shall not exceed 24.9 tons of VOC per rolling, 12-month period. The permittee has existing coating and clean up material usage records such that there is no need for first year monthly VOC emission limitations.

      (2) The hours of operation for emissions units R001, R002, R003 and R004 shall not exceed 123 hours per week, per emissions unit.

   c) Monitoring and/or Recordkeeping Requirements

      (1) The permittee shall collect and record the actual VOC emissions from emissions units R001, R002, R003 and R004, combined, for the previous, 12-month period, as a summation of the monthly record keeping in d)(4) of section C. for each emissions unit.

(2) The FEPTIO applications for these emissions unit(s), R001, R002, R003 and R004, were evaluated based on the actual materials and the design parameters of the emissions unit's(s') exhaust system, as specified by the permittee. The AToxic Air Contaminant Statute@, ORC 3704.03(F), was applied to this/these emissions unit(s) for each toxic air contaminant listed in OAC rule 3745-114-01, using data from the permit application; and modeling was performed for each toxic air contaminant(s) emitted at over one ton per year using an air dispersion model such as SCREEN3, AERMOD, or ISCST3, or other Ohio EPA approved model. The predicted 1-hour maximum ground-level concentration result(s) from the approved air dispersion model, was compared to the Maximum Acceptable Ground-Level Concentration (MAGLC), calculated as described in the Ohio EPA guidance document entitled AReview of New Sources of Air Toxic Emissions, Option A@, as follows:

a. the exposure limit, expressed as a time-weighted average concentration for a conventional 8-hour workday and a 40-hour workweek, for each toxic compound(s) emitted from the emissions unit(s), (as determined from the raw materials processed and/or coatings or other materials applied) has been documented from one of the following sources and in the following order of preference (TLV was and shall be used, if the chemical is listed):

   i. threshold limit value (TLV) from the American Conference of Governmental Industrial Hygienists= (ACGIH) AThreshold Limit Values for Chemical Substances and Physical Agents Biological Exposure Indices@; or

   ii. STEL (short term exposure limit) or the ceiling value from the American Conference of Governmental Industrial Hygienists= (ACGIH) AThreshold Limit Values for Chemical Substances and Physical Agents Biological Exposure Indices@; the STEL or ceiling value is multiplied by 0.737 to convert the 15-minute exposure limit to an equivalent 8-hour TLV.

b. The TLV is divided by ten to adjust the standard from the working population to the general public (TLV/10).

c. This standard is/was then adjusted to account for the duration of the exposure or the operating hours of the emissions unit(s), i.e., 20.5 hours per day and 6 days per week, from that of 8 hours per day and 5 days per week. The resulting calculation was (and shall be) used to determine the Maximum Acceptable Ground-Level Concentration (MAGLC):

$$TLV/10 \times 8/X \times 5/Y = 4\ TLV/XY = MAGLC$$

d. The following summarizes the results of dispersion modeling for the significant toxic contaminants (emitted at 1 or more tons/year) or Aworst case@ toxic contaminant(s):

   Toxic Contaminant: Stoddard Solvent

   TLV (mg/m3): 572.6

   Maximum Hourly Emission Rate (lbs/hr): 20.79

Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 14,798

Adjusted MAGLC (ug/m3): 18,621

The permittee, has demonstrated that emissions of air toxic contaminants, from emissions units R001, R002, R003 and R004, combined , are calculated to be less than eighty per cent of the maximum acceptable ground level concentration (MAGLC); any new raw material or processing agent shall not be applied without evaluating each component toxic air contaminant in accordance with the AToxic Air Contaminant Statute@, ORC 3704.03(F).

(3) Prior to making any physical changes to or changes in the method of operation of the emissions unit(s), that could impact the parameters or values that were used in the predicted 1-hour maximum ground-level concentration@, the permittee shall re-model the change(s) to demonstrate that the MAGLC has not been exceeded. Changes that can affect the parameters/values used in determining the 1-hour maximum ground-level concentration include, but are not limited to, the following:

a. changes in the composition of the materials used or the use of new materials, that would result in the emission of a new toxic air contaminant with a lower Threshold Limit Value (TLV) than the lowest TLV previously modeled;

b. changes in the composition of the materials, or use of new materials, that would result in an increase in emissions of any toxic air contaminant listed in OAC rule 3745-114-01, that was modeled from the initial (or last) application; and

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

If the permittee determines that the AToxic Air Contaminant Statute@ will be satisfied for the above changes, the Ohio EPA will not consider the change(s) to be a "modification" under OAC rule 3745-31-01 solely due to a non-restrictive change to a parameter or process operation, where compliance with the AToxic Air Contaminant Statute@, ORC 3704.03(F), has been documented. If the change(s) meet(s) the definition of a “modification”, the permittee shall apply for and obtain a final FEPTIO prior to the change. The Director may consider any significant departure from the operations of the emissions unit, described in the permit application, as a modification that results in greater emissions than the emissions rate modeled to determine the ground level concentration; and he/she may require the permittee to submit a permit application for the increased emissions.

(4) The permittee shall collect, record, and retain the following information for each toxic evaluation conducted to determine compliance with the AToxic Air Contaminant Statute@, ORC 3704.03(F):

a. a description of the parameters/values used in each compliance demonstration and the parameters or values changed for any re-evaluation of the toxic(s) modeled (the composition of materials, new toxic contaminants emitted, change in stack/exhaust parameters, etc.);

b. the Maximum Acceptable Ground-Level Concentration (MAGLC) for each significant toxic contaminant or worst-case contaminant, calculated in accordance with the AToxic Air Contaminant Statute@, ORC 3704.03(F);

c. a copy of the computer model run(s), that established the predicted 1-hour maximum ground-level concentration that demonstrated the emissions unit(s) to be in compliance with the AToxic Air Contaminant Statute@, ORC 3704.03(F), initially and for each change that requires re-evaluation of the toxic air contaminant emissions; and

d. the documentation of the initial evaluation of compliance with the AToxic Air Contaminant Statute@, ORC 3704.03(F), and documentation of any determination that was conducted to re-evaluate compliance due to a change made to the emissions unit(s) or the materials applied.

(5) The permittee shall maintain a record of any change made to a parameter or value used in the dispersion model, used to demonstrate compliance with the AToxic Air Contaminant Statute@, ORC 3704.03(F), through the predicted 1-hour maximum ground-level concentration. The record shall include the date and reason(s) for the change and if the change would increase the ground-level concentration.

(6) The permittee shall monitor and record for emissions units R001, R002, R003 and R004, the actual hours of operation per week.

d) Reporting Requirements

(1) The permittee shall submit quarterly deviation (excursion) reports that identify:

a. all deviations (excursions) of the following emission limitations, operational restrictions and/or control device operating parameter limitations that restrict the potential to emit (PTE) of any regulated air pollutant and have been detected by the monitoring, record keeping and/or testing requirements in this permit:

i. any exceedence of the annual VOC* emission limitation of 24.9 tons per rolling, 12-month period from emissions units R001, R002, R003 and R004, combined, and the actual VOC emissions during each such period.

*based upon the premise that 100% of the solvent in the coating and clean up material employed is emitted.

b. the probable cause of each deviation (excursion);

c. any corrective actions that were taken to remedy the deviations (excursions) or prevent future deviations (excursions); and

d. the magnitude and duration of each deviation (excursion).

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

The quarterly reports shall be submitted, electronically through Ohio EPA Air Services, each year by January 31 (covering October to December), April 30 (covering January to

March), July 31 (covering April to June), and October 31 (covering July to September), unless an alternative schedule has been established and approved by the Director (the appropriate District Office or local air agency).

(2) 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 permit evaluation report shall cover a reporting period of no more than twelve-months for each air contaminant source identified in this permit.

(3) The permittee shall include any changes made to a parameter or value used in the dispersion model, that was used to demonstrate compliance with the Toxic Air Contaminant Statute, ORC 3704.03(F), through the predicted 1-hour maximum ground-level concentration, in the annual Permit Evaluation Report (PER). If no changes to the emissions, emissions unit(s), or the exhaust stack have been made, then the report shall include a statement to this effect.

e) Testing Requirements

(1) Compliance with the allowable emissions limitations in a) of these terms and conditions shall be determined in accordance with the following methods:

a. Emission Limitation:

24.9 tons of VOC emissions per rolling, 12-month period from all coatings and cleanup material from R001 and from R001, R002, R003 and R004, combined

Applicable Compliance Method(s):

Compliance shall be demonstrated by the values recorded in c)(1) based on the record keeping requirements specified in c)(4) of section C. for emissions units R001, R002, R003 and R004.

f) Miscellaneous Requirements

(1) None.

C. Emissions Unit Terms and Conditions

1. **Emissions Unit Group - R003 and R004**

EU ID	Operations, Property and/or Equipment Description
R003	Wood furniture staining operation consisting of booth with overspray filter and one HVLP gun/pump. Parts manually moved and air dried.
R004	Wood furniture coating operation consisting of booth with overspray filter and one HVLP gun/pump. Parts manually moved and air dried.

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. b)(1)e.

(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 operations(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. 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)	See sections 2.b, A.2.c and B.1 below. The requirements of this rule also include compliance with the requirements of OAC rule 3745-31-05(D) and OAC rule 3745-17-11(C).
b.	OAC rule 3745-31-05(D)	See (2) of section B.
c.	OAC rule 3745-17-11(C)	See c)(1), d)(5) through (9).
d.	OAC rule 3745-21-07(G)	See b)(2)(a) below.
e.	OAC rule 3745-114-01 ORC 3704.03(F)(4)(c)	See (2) of section B.

(2) Additional Terms and Conditions

a. Each day that a photochemically reactive material [as defined in OAC 3745-21-01(C)(5)] is employed, the organic compound (OC) emissions from all coatings and photochemically reactive cleanup material shall not exceed 8 pounds per

hour and 40 pounds per day. OC emissions from cleanup material that is not a photochemically reactive material shall not be included in showing compliance with these emission limitations.

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:

b)(2)a., d)(2), f)(1)a and f)(1)b.

b. For emissions unit R003, each day that photochemically reactive materials [as defined in OAC rule 3745-21-01(C)(5)] are not employed, the volatile organic compound (VOC) emissions from coatings shall not exceed 15.93 pounds per hour. This emission limitation is based upon the maximum coating application rate of 2.5 gallons per hour.

For emissions unit R004, each day that photochemically reactive materials [as defined in OAC rule 3745-21-01(C)(5)] are not employed, the volatile organic compound (VOC) emissions from coatings shall not exceed 18.20 pounds per hour. This emission limitation is based upon the maximum coating application rate of 3.5 gallons per hour.

The requirement to comply with this emission limitation only on days when photochemically reactive coating or clean up material are not employed shall cease on the date the U.S. EPA approves revisions to OAC rule 3745-21-07(G) as a revision to the Ohio SIP for organic compounds. After the revised rule is added to the Ohio SIP, this emission limitation shall be effective every day the emissions unit is in operation.

c. For emissions unit R003, the VOC content of coatings shall not exceed 6.37 pounds per gallon, as applied.

For emissions unit R004, the VOC content of coatings shall not exceed 5.20 pounds per gallon, as applied

c) Operational Restrictions

(1) All exhaust from the spray booth shall pass through the dry filters whenever this emissions unit is in operation.

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall maintain daily records that document all time periods when the dry filters were not in service when the corresponding emissions unit was in operation.

(2) The permittee shall collect and record the following information for each day that photochemically reactive coatings or cleanup material are employed in each emissions unit:

a. the company identification for each coating and photochemically reactive cleanup material employed;

b. the number of gallons of each coating and photochemically reactive cleanup material employed minus the number of gallons of coating and/or cleanup material recovered for disposal;

c. the OC content of each coating and photochemically reactive cleanup material, in pounds OC per gallon;

d. the total emissions rate for all coatings and photochemically reactive cleanup materials, in pounds OC per day;

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

f. the average hourly OC emission rate for all coatings and photochemically reactive cleanup materials, i.e., (d)/(e), in pounds per hour (average);

g. the VOC content of each coating and photochemically reactive cleanup material, in pounds VOC per gallon; and

h. the total emissions rate for all coatings and photochemically reactive cleanup materials, in pounds VOC per day.

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

[Note: After the revision to OAC rule 3745-21-07(G) is approved into the Ohio SIP, d)(2) will be voided entirely.]

(3) The permittee shall collect and record the following information for each day that photochemically reactive coatings or cleanup materials are not employed in each emissions unit:

a. the company identification for each coating or cleanup material employed;

b. documentation that photochemically reactive material as defined in OAC rule 3745-21-01(C)(5) was not used;

c. the VOC content of each coating, in lbs/gallon as applied;

d. the number of gallons of each coating employed minus the number of gallons of coating recovered for disposal;

e. the total VOC emissions from all coatings employed, in lbs/day, i.e., sum of (c) times (d);

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

g. the average hourly VOC emission rate for all coatings, i.e., (e)/(f), in lbs/hr.

[Note: After the revision to OAC rule 3745-21-07(G) is approved into the Ohio SIP, the records required by this section shall be kept on a daily basis with no reference to photochemically reactive materials. Term c)(3)b. will be voided entirely.]

(4) The permittee shall collect and record the following information for each month for each emissions unit:

a. the number of gallons of each nonphotochemically reactive cleanup material employed minus the number of gallons of cleanup material recovered for disposal;

b. the VOC content of each nonphotochemically cleanup material, in lbs/gallon;

c. the total VOC emissions from all nonphotochemically reactive cleanup materials employed, in lbs/month, i.e., sum of (b) times (a); and

d. the actual VOC emissions from all coatings and cleanup materials for the previous, 12-month period [i.e., sum of the daily VOC emissions [d)(2)h. + d)(3)e. and the monthly nonphotochemically reactive cleanup material VOC emission in term d)(4)c. for the previous, 12-month period];

[Note: Records of nonphotochemically reactive cleanup material shall be recorded monthly according to d(4) above. After the revision to OAC rule 3745-21-07(G) is approved into the Ohio SIP, any reference to "nonphotochemically reactive" and " d)(2)h." shall be voided.]

(5) The permittee shall maintain documentation of the manufacturer's recommendations, instructions, or operating manuals for the control devices with any modifications deemed necessary by the permittee during the time period in which the control devices are utilized.

(6) The permittee shall operate the control devices in accordance with the manufacturer's recommendations, instructions, or operating manuals with any modifications deemed necessary by the permittee.

(7) The permitee shall conduct periodic inspections of the control devices to determine whether the devices are operating in accordance with the manufacturer's recommendations, instructions, or operating manuals with any modifications deemed necessary by the permittee. The periodic inspections of each control device shall be performed at a frequency that is based upon the recommendation of the manufacturer of the control device, and the permittee shall maintain a copy of the manufacturer's recommended inspection frequency. In addition to these periodic inspections, not less than once each calendar year the permittee shall conduct a comprehensive inspection of the control device while the emissions unit is shut down and perform any needed maintenance and repair for the control device to ensure that it is able to routinely operate in accordance with the manufacturer's recommendations.

(8) The permittee shall document each inspection of a control device by maintaining a record that includes the date of the inspection, a description of each problem identified

and the date it was corrected, a description of the maintenance and repairs performed, and the name of the person who performed the inspection.

(9) In the event that the control devices are not operating in accordance with the manufacturer's recommendations, instructions, or operating manuals with any modifications deemed necessary by the permittee, the control devices shall be expeditiously repaired or otherwise returned to operation in accordance with such requirements. The permittee shall maintain documentation of those periods when the control devices are not operating in accordance with such requirements.

e) Reporting Requirements

(1) 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 permit evaluation report shall cover a reporting period of no more than twelve-months for each air contaminant source identified in this permit.

f) Testing Requirements

(1) Compliance with the allowable emission limitations in b) of these terms and conditions shall be determined in accordance with the following methods:

a. Emission Limitation:

8 pounds per hour of OC emissions for each day that photochemically reactive materials are employed

Applicable Compliance Method:

Compliance shall be demonstrated by the daily values calculated in d)(2)f. based upon the record keeping requirements specified in d)(2).

b. Emission Limitation:

40 pounds per day of OC emissions for each day that photochemically reactive materials are employed

Applicable Compliance Method:

Compliance shall be demonstrated by the daily values calculated in d)(2)d. based upon the record keeping requirements specified in d)(2).

c. Emission Limitation:

For emissions unit R003, 15.93 pounds VOC emissions per hour for each day that photochemically reactive materials are not employed

For emissions unit R004, 18.20 pounds VOC emissions per hour for each day that photochemically reactive materials are not employed

Applicable Compliance Method:

Compliance shall be demonstrated by the daily values calculated in d)(3)g. based on the record keeping requirements specified in d)(3).

d. Emission Limitation:

For emissions unit R003, 6.37 pounds of VOC per gallon coating, as applied.

For emissions unit R004, 5.20 pounds of VOC per gallon coating, as applies.

Applicable Compliance Method:

Any determination of VOC content, solids contents, or density of coating material shall be based on the coating materials as employed (as applied), including the addition of any thinner or viscosity reducer to the coatings. In accordance with OAC rule 3745-21-04(B)(5), the permittee shall determine the composition of the coatings by formulation data supplied by the manufacturer of the coating materials, or from data determined by an analysis of each coating, as applied, by Reference Method 24 or Method 24A. If, pursuant to section 11.4 of Method 24, 40 CFR Part 60, Appendix A (revised as of July 1, 2001), an owner or operator determines that Method 24 or Method 24A cannot be used for a particular coating or ink, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating or ink to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24 and/or Method 24A.

[Note: After the revision to OAC rule 3745-21-07(G) is approved into the Ohio SIP,f)(1)a. and f)(1)b., and the reference to photochemically reactive materials in term f)(1)c.]

g) Miscellaneous Requirements

(1) The terms and conditions contained in this permit for this emissions unit shall supersede all the air pollution control requirements for the emissions unit contained in the permit to install 02-22408 issued on January 16, 2007.