John R. Kasich, Governor
Mary Taylor, Lt. Governor
Craig W. Butler, Director

7/11/2014

Certified Mail

Mr. Kim Root
N. Wasserstrom & Sons/ Amtekco Industries Inc.
2300 Lockbourne Road
Columbus, OH 43207

Facility ID: 0125043113
Permit Number: P0115764
County: Franklin

RE: PRELIMINARY PROPOSED AIR POLLUTION TITLE V PERMIT
Permit Type: Initial

Dear Permit Holder:

Enclosed is the Ohio Environmental Protection Agency (EPA)Preliminary Proposed Title V permit that was issued in draft form on 6/2/2014. The comment period for the Draft permit has ended. We are now ready to submit this permit to U.S. EPA for approval.

We are submitting this for your review and comment. If you do not agree with the Preliminary Proposed Title V permit as written, you now have the opportunity to raise your concerns. This permit can be accessed electronically on the Division of Air Pollution Control (DAPC) Web page, www.epa.ohio.gov/dapc by clicking the "Search for Permits" link under the Permitting topic on the Programs tab. Comments will be accepted as a marked-up copy of the permit or in narrative format. Any comments must be sent to the following within 14 days of your receipt of this letter:

Andrew Hall
Permit Review/Development Section
Ohio EPA, DAPC
50 West Town Street, Suite 700
P.O. Box 1049
Columbus, Ohio 43216-1049

and

Ohio EPA DAPC, Central District Office
50 West Town Street, 6th Floor
P.O. Box 1049
Columbus, OH 43216-1049

If you believe that it is necessary to have an informal conference with us, then, as part of your written comments, you should request a conference concerning the written comments.If comments are not submitted within 14 days of your receipt of this letter, we will forward the proposed permit to U.S. EPA for approval. All comments received will be carefully considered before proceeding with the proposed permit.

Sincerely,

Michael W. Ahern

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

Cc: Ohio EPA DAPC, Central District Office

Response to Comments

Facility ID:	0125043113
Facility Name:	N. Wasserstrom & Sons/ Amtekco Industries Inc.
Facility Description:	Restaurant furniture manufacturing
Facility Address:	1205 Refugee Road Columbus, OH 43207 Franklin County
Permit:	P0115764, Title V Permit - Initial
A public notice for the draft permit issuance was published in the Ohio EPA Weekly Review and appeared in the The Columbus Dispatch on 06/04/2014. The comment period ended on 07/04/2014.	
Hearing date (if held)	
Hearing Public Notice Date (if different from draft public notice)	

The following comments were received during the comment period specified. Ohio EPA reviewed and considered all comments received during the public comment period. By law, Ohio EPA has authority to consider specific issues related to protection of the environment and public health. Often, public concerns fall outside the scope of that authority. For example, concerns about zoning issues are addressed at the local level. Ohio EPA may respond to those concerns in this document by identifying another government agency with more direct authority over the issue.

In an effort to help you review this document, the questions are grouped by topic and organized in a consistent format. PDF copies of the original comments in the format submitted are available upon request.

1. Topic: None

a. Comment: None

b. Response: None

PRELIMINARY PROPOSED

Division of Air Pollution Control
Title V Permit
for
N. Wasserstrom & Sons/ Amtekco Industries Inc.

Facility ID:	0125043113
Permit Number:	P0115764
Permit Type:	Initial
Issued:	7/11/2014
Effective:	To be entered upon final issuance
Expiration:	To be entered upon final issuance

Division of Air Pollution Control
Title V Permit
for
N. Wasserstrom & Sons/ Amtekco Industries Inc.

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Authorization

Facility ID:	0125043113
Facility Description:	Restaurant furniture manufacturing
Application Number(s):	A0048107
Permit Number:	P0115764
Permit Description:	Initial Title V permit for a metal and wood restaurant furniture manufacturing facility
Permit Type:	Initial
Issue Date:	7/11/2014
Effective Date:	To be entered upon final issuance
Expiration Date:	To be entered upon final issuance
Superseded Permit Number:	

This document constitutes issuance of an OAC Chapter 3745-77 Title V permit to:

N. Wasserstrom & Sons/ Amtekco Industries Inc.
1205 Refugee Road
Columbus, OH 43207

Ohio Environmental Protection Agency (EPA)District Office or local air agency responsible for processing and administering your permit:

Ohio EPA DAPC, Central District Office
50 West Town Street, 6th Floor
P.O. Box 1049
Columbus, OH 43216-1049
(614)728-3778

The above named entity is hereby granted a Title V permit pursuant to Chapter 3745-77 of the Ohio Administrative Code. This permit and the authorization to operate the air contaminant sources (emissions units) at this facility shall expire at midnight on the expiration date shown above. You will be sent a notice approximately 18 months prior to the expiration date regarding the renewal of this permit. If you do not receive a notice, please contact the Ohio EPA DAPC, Central District Office. If a renewal permit is not issued prior to the expiration date, the permittee may continue to operate pursuant to OAC rule 3745-77-08(E) and in accordance with the terms of this permit beyond the expiration date, if a timely renewal application is submitted. A renewal application will be considered timely if it is submitted no earlier than 18 months and no later than 6 months prior to the expiration date.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Craig W. Butler
Director

A. Standard Terms and Conditions

1. Federally Enforceable Standard Terms and Conditions

a) All Standard Terms and Conditions are federally enforceable, with the exception of those listed below which are enforceable under State law only:

(1) Standard Term and Condition A. 24., Reporting Requirements Related to Monitoring and Record Keeping Requirements of State-Only Enforceable Permit Terms and Conditions

(2) Standard Term and Condition A. 25., Records Retention Requirements for State-Only Enforceable Permit Terms and Conditions

(3) Standard Term and Condition A. 27., Scheduled Maintenance/Malfunction Reporting For State-Only Requirements

(4) Standard Term and Condition A. 29., Additional Reporting Requirements When There Are No Deviations of Federally Enforceable Emission Limitations, Operational Restrictions, or Control Device Operating Parameter Limitations

(5) Standard Term and Condition A. 30.

(Authority for term: ORC 3704.036(A))

2. Monitoring and Related Record Keeping and Reporting Requirements

a) Except as may otherwise be provided in the terms and conditions for a specific emissions unit (i.e., in section C. Emissions Unit Terms and Conditions of this Title V permit), the permittee shall maintain records that include the following, where applicable, for any required monitoring under this permit:

(1) The date, place (as defined in the permit), and time of sampling or measurements.

(2) The date(s) analyses were performed.

(3) The company or entity that performed the analyses.

(4) The analytical techniques or methods used.

(5) The results of such analyses.

(6) The operating conditions existing at the time of sampling or measurement.

(Authority for term: OAC rule 3745-77-07(A)(3)(b)(i))

b) Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include all calibration and maintenance records and all original strip-chart recordingsfor continuous monitoring instrumentation, and copies of all reports required by this permit. Such records may be maintained in computerized form.

(Authority for term: OAC rule 3745-77-07(A)(3)(b)(ii))

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

(1) All reporting required in accordance with OAC rule 3745-77-07(A)(3)(c) for deviations caused by malfunctions shall be submitted in the following manner:

Any malfunction, as defined in OAC rule 3745-15-06(B)(1), shall be promptly reported to the Ohio EPA in accordance with OAC rule 3745-15-06. In addition, to fulfill the OAC rule 3745-77-07(A)(3)(c) deviation reporting requirements for malfunctions, written reports that identify each malfunction that occurred during each calendar quarter (including each malfunction reported only verbally in accordance with OAC rule 3745-15-06) shall be submitted by January 31, April 30, July 31, and October 31 of each year in accordance with Standard Term and Condition A.2.c)(2) below; and each report shall cover the previous calendar quarter. An exceedance of the visible emission limitations specified in OAC rule 3745-17-07(A)(1) that is caused by a malfunction is not a violation and does not need to be reported as a deviation if the owner or operator of the affected air contaminant source or air pollution control equipment complies with the requirements of OAC rule 3745-17-07(A)(3)(c).

In accordance with OAC rule 3745-15-06, a malfunction reportable under OAC rule 3745-15-06(B) is a deviation of the federally enforceable permit requirements. Even though verbal notifications and written reports are required for malfunctions pursuant to OAC rule 3745-15-06, the written reports required pursuant to this term must be submitted quarterly to satisfy the prompt reporting provision of OAC rule 3745-77-07(A)(3)(c).

In identifying each deviation caused by a malfunction, the permittee shall specify the emission limitation(s) (or control requirement(s)) for which the deviation occurred, describe each deviation, and provide the magnitude and duration of each deviation. For a specific malfunction, if this information has been provided in a written report that was submitted in accordance with OAC rule 3745-15-06, the permittee may simply reference that written report to identify the deviation. Nevertheless, all malfunctions, including those reported only verbally in accordance with OAC rule 3745-15-06, must be reported in writing on a quarterly basis.

Any submittedscheduled maintenancerequests, as referenced in OAC rule 3745-15-06(A)(1), that results in a deviation from a federally enforceable emission limitation (or control requirement) shall be reported in the same manner as described above for malfunctions.

(Authority for term: OAC rule 3745-77-07(A)(3)(c))

(2) Except as may otherwise be provided in the terms and conditions for a specific emissions unit (i.e., in section C. Emissions Unit Terms and Conditions of this Title V permit or, in some cases, in section B. Facility-Wide Terms and Conditions of this Title V permit), all reporting required in accordance with OAC rule 3745-77-07(A)(3)(c) for deviations of the emission limitations, operational restrictions, and control device operating parameter limitations shall be submitted in the following manner:

Written reports of (a) any deviations from federally enforceable emission limitations, operational restrictions, and control device operating parameter limitations, (b) the probable cause of such deviations, and (c) any corrective actions or preventive measures taken, shall be submitted promptly to the Ohio EPA DAPC, Central District Office. Except as provided below, the written reports shall be submitted by January 31, April 30, July 31, and October 31 of each year; and each report shall cover the previous calendar quarter.

In identifying each deviation, the permittee shall specify the emission limitation(s), operational restriction(s), and/or control device operating parameter limitation(s) for which the deviation occurred, describe each deviation, and provide the estimated magnitude and duration of each deviation.

These written deviation reports shall satisfy the requirements of OAC rule 3745-77-07(A)(3)(c) pertaining to the submission of monitoring reports every six months and to the prompt reporting of all deviations. Full compliance with OAC rule 3745-77-07(A)(3)(c) requires reporting of all other deviations of the federally enforceable requirements specified in the permit as required by such rule.

If an emissions unit has a deviation reporting requirement for a specific emission limitation, operational restriction, or control device operating parameter limitation that is not on a quarterly basis (e.g., within 30 days following the end of the calendar month, or within 30 or 45 days after the exceedance occurs), that deviation reporting requirement satisfies the reporting requirements specified in this Standard Term and Condition for that specific emission limitation, operational restriction, or control device parameter limitation. Following the provisions of that non-quarterly deviation reporting requirement will also satisfy (for the deviations so reported) the requirements of OAC rule 3745-77-07(A)(3)(c) pertaining to the submission of monitoring reports every six months and to the prompt reporting of all deviations, and additional quarterly deviation reports for that specific emission limitation, operational restriction, or control device parameter limitation are not required pursuant to this Standard Term and Condition.

See A.29 below if no deviations occurred during the quarter.

(Authority for term: OAC rule 3745-77-07(A)(3)(c))

(3) All reporting required in accordance with the OAC rule 3745-77-07(A)(3)(c) for other deviations of the federally enforceable permit requirements which are not reported in accordance with Standard Term and Condition A.2)c)(2) above shall be submitted in the following manner:

Unless otherwise specified by rule, written reports that identify deviations of the following federally enforceable requirements contained in this permit; Standard Terms and Conditions: A.3, A.4, A.5, A.7.e), A.8, A.13, A.15, A.19, A.20, A.21, and A.23 of this Title V permit, as well as any deviations from the requirements in section C. Emissions Unit Terms and Conditions of this Title V permit, and any monitoring, record keeping, and reporting requirements, which are not reported in accordance with Standard Term and Condition A.2.c)(2) above shall be submitted to the Ohio EPA DAPC, Central District Office by January 31 and July 31 of each year; and each report shall cover the previous six calendar months. Unless otherwise specified by rule, all other deviations from

federally enforceable requirements identified in this permit shall be submitted annually as part of the annual compliance certification, including deviations of federally enforceable requirements not specifically addressed by permit or rule for the insignificant activities or emissions levels (IEU) identified in section B. Facility-Wide Terms and Conditions of this Title V permit. Annual reporting of deviations is deemed adequate to meet the deviation reporting requirements for IEUs unless otherwise specified by permit or rule.

In identifying each deviation, the permittee shall specify the federally enforceable requirement for which the deviation occurred, describe each deviation, and provide the magnitude and duration of each deviation.

These semi-annual and annual written reports shall satisfy the reporting requirements of OAC rule 3745-77-07(A)(3)(c) for any deviations from the federally enforceable requirements contained in this permit that are not reported in accordance with Standard Term and Condition A.2.c)(2) above.

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

(Authority for term: OAC rules 3745-77-07(A)(3)(c)(i) and (ii) and OAC rule 3745-77-07(A)(13)(b))

(4) Each written report shall be signed by a Responsible Official certifying that, "based on information and belief formed after reasonable inquiry, the statements and information in the report (including any written malfunction reports required by OAC rule 3745-15-06 that are referenced in the deviation reports) are true, accurate, and complete." Signature by the Responsible Official may be represented by entry of the personal identification number (PIN) by the Responsible Official as part of the electronic submission process or by the scanned attestation document signed by the Responsible Official that is attached to the electronically submitted written report.

(Authority for term: OAC rule 3745-77-07(A)(3)(c)(iv))

(5) Consistent with A.2.c.1. above, reports of any required monitoring and/or record keeping information required to be submitted to Ohio EPA shall be submitted to Ohio EPA DAPC, Central District Office unless otherwise specified.

(Authority for term: OAC rule 3745-77-07(A)(3)(c))

3. Reporting of Any Exceedence of a Federally Enforceable Emission Limitation or Control Requirement Resulting From Scheduled Maintenance

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. Except as provided in OAC rule 3745-15-06(A)(3), any scheduled maintenance necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of the emissions unit(s) that is (are) served by such control system(s). Any scheduled maintenance, as defined in OAC rule 3745-15-06(A)(1), that results in a deviation from a federally enforceable emission limitation (or control requirement) shall be reported in the same manner as described for malfunctions in Standard Term and Condition A.2.c)(1) above.

(Authority for term: OAC rule 3745-77-07(A)(3)(c))

4. Risk Management Plans

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

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

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

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

5. Title IV Provisions

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

(Authority for term: OAC rule 3745-77-07(A)(5))

6. Severability Clause

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

(Authority for term: OAC rule 3745-77-07(A)(6))

7. General Requirements

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

b) It shall not be a defense for the permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the federally enforceable terms and conditions of this permitexcept as provided pursuant to A.16 below.

c) This permit may be modified, reopened, revoked, or revoked and reissued, for cause, in accordance with A.11 below. The filing of a request by the permittee for a permit modification, revocation and reissuance, or revocation, or of a notification of planned changes or anticipated noncompliance does not stay any term and condition of this permit.

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

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

f) Except as otherwise indicated below, this Title V permit, or permit modification, is effective for five years from the original effective date specified in the permit. In the event that this facility becomes eligible for non-title V permits, this permit shall cease to be enforceable when:

(1) the permittee submits an approved facility-wide potential to emit analysis supporting a claim that the facility no longer meets the definition of a "major source" as defined in OAC rule 3745-77-01(W) based on the permanent shutdown and removal of one or more emissions units identified in this permit; or

(2) the permittee no longer meets the definition of a "major source" as defined in OAC rule 3745-77-01(W) based on obtaining restrictions on the facility-wide potential(s) to emit that are federally enforceable or legally and practically enforceable ; or

(3) a combination of (1) and (2) above.

The permittee shall continue to comply with all applicable OAC Chapter 3745-31 requirements for all regulated air contaminant sources once this permit ceases to be enforceable. The permittee shall comply with any residual requirements, such as quarterly deviation reports, semi-annual deviation reports, and annual compliance certifications covering the period during which this Title V permit was enforceable. All records relating to this permit must be maintained in accordance with law.

(Authority for term: OAC rule 3745-77-01(W), OAC rule 3745-77-07(A)(3)(b)(ii), OAC rule 3745-77(A)(7))

8. Fees

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

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

9. Marketable Permit Programs

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

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

10. Reasonably Anticipated Operating Scenarios

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

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

11. Reopening for Cause

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

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

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

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

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

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

12. Federal and State Enforceability

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

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

13. Compliance Requirements

a) Any document (including reports) required to be submitted and required by a federally applicable requirement in this Title V permit shall include a certification by a Responsible

Officialthat, based on information and belief formed after reasonable inquiry, the statements in the document are true, accurate, and complete.

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

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

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

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

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

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

(1) Dates for achieving the activities, milestones, or compliance required in any schedule of compliance, and dates when such activities, milestones, or compliance were achieved.

(2) An explanation of why any dates in any schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.

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

(1) Compliance certifications shall be submitted annually on a calendar year basis. The annual certification shall be submitted on or before April 30th of each year during the permit term.

(2) Compliance certifications shall include the following:

a. Identification of each term or condition that is the basis of the certification. The identification may include a statement by the Responsible Official that every term and condition that is federally enforceable has been reviewed, and such terms and conditions with which there has been continuous compliance throughout the year are not separately identified.

b. The permittee's current compliance status.

c. Whether compliance was continuous or intermittentconsistent with A.13.d.2.a above.

d. The method(s) used for determining the compliance status of the source currently and over the required reporting period consistent with A.13.d.2.a above.

e. Such other facts as the Director of the Ohio EPA may require in the permit to determine the compliance status of the source.

(3) Compliance certifications shall contain such additional requirements as may be specified pursuant to sections 114(a)(3) and 504(b) of the Act.

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

14. Permit Shield

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

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

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

15. Operational Flexibility

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

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

16. Emergencies

The permittee shall have an affirmative defense of emergency to an action brought for noncompliance with technology-based emission limitations if the conditions of OAC rule 3745-77-07(G)(3) are met.

This emergency defense provision is in addition to any emergency or upset provision contained in any applicable requirement.

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

17. Off-Permit Changes

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

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

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

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

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

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

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

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

18. Compliance Method Requirements

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

(This term is provided for informational purposes only.)

19. Insignificant Activities or Emissions Levels

Each IEU that is subject to one or more applicable requirements shall comply with those applicable requirements.

(Authority for term: OAC rule 3745-77-07(A)(1))

20. Permit to Install Requirement

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

(Authority for term: OAC rule 3745-77-07(A)(1))

21. Air Pollution Nuisance

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

(Authority for term: OAC rule 3745-77-07(A)(1))

22. Permanent Shutdown of an Emissions Unit

The permittee may notify Ohio EPA of any emissions unit that is permanently shut down by submitting a certification from the Responsible Official that identifies the date on which the emissions unit was permanently shut down. Authorization to operate the affected emissions unit shall cease upon the date certified by the Responsible Official that the emissions unit was permanently shut down.

After the date on which an emissions unit is permanently shut down (i.e., that 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 and therefore ceases to meet the definition of an "emissions unit" as defined in OAC rule 3745-77-01(O)), rendering existing permit terms and conditions irrelevant, the permittee shall not be required, after the date of the certification and submission to Ohio EPA, to meet any Title V permit requirements applicable to that emissions unit, except for any residual requirements, such as the quarterly deviation reports, semi-annual deviation reports and annual compliance certification covering the period during which the emissions unit last operated. All records relating to the shutdown emissions unit, generated while the emissions unit was in operation, must be maintained in accordance with law.

Unless otherwise exempted, noemissions unit identified in this permit that has beencertified by the Responsible Official as being permanently shut down may resume operation without first applying for and obtaining a permit to install pursuant to OAC Chapter 3745-31.

(Authority for term: OAC rule 3745-77-01)

23. Title VI Provisions

If applicable, the permittee shall comply with the standards for recycling and reducing emissions of ozone depleting substances pursuant to 40 CFR Part 82, Subpart F, except as provided for motor vehicle air conditioners in Subpart B of 40 CFR Part 82:

a) Persons operating appliances for maintenance, service, repair, or disposal must comply with the required practices specified in 40 CFR 82.156.

b) Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment specified in 40 CFR 82.158.

c) Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161.

(Authority for term: OAC rule 3745-77-01(H)(11)))

24. Reporting Requirements Related to Monitoring and Record Keeping RequirementsUnder State Law Only

The permittee shall submit required reports in the following manner:

a) Reports of any required monitoring and/or record keeping information shall be submitted to theOhio EPA DAPC, Central District Office.

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

25. Records Retention RequirementsUnder State Law Only

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

26. Inspections and Information Requests

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

whether cause exists for modifying, reopening or revoking this permit or to determine compliance with this permit. Upon verbal or written request, the permittee shall also furnish to the Director of the Ohio EPA, or an authorized representative of the Director, copies of records required to be kept by this permit.

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

27. Scheduled Maintenance/Malfunction Reporting For State-Only Requirements

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

28. Permit Transfers

Any transferee of this permit shall assume the responsibilities of the prior permit holder. The Ohio EPA DAPC, Central District Office must be notified in writing of any transfer of this permit.

(Authority for term: OAC rule 3745-77-01(C))

29. Additional Reporting Requirements When There Are No Deviations of Federally Enforceable Emission Limitations, Operational Restrictions, or Control Device Operating Parameter Limitations

If no emission limitation (or control requirement), operational restriction and/or control device parameter limitation deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted by January 31, April 30, July 31, and October 31 of each year; and each report shall cover the previous calendar quarter.

The permittee is not required to submit a quarterly report which states that no deviations occurred during that quarter for the following situations:

a) where an emissions unit has deviation reporting requirements for a specific emission limitation, operational restriction, or control device parameter limitation that override the deviation reporting requirements specified in Standard Term and Condition A.2.c)(2); or

b) where an uncontrolled emissions unit has no monitoring, record keeping, or reporting requirements and the emissions unit's applicable emission limitations are established at the potential to emit; or

c) where the company's Responsible Official has certified that an emissions unit has been permanently shut down.

30. Submitting Documents Required by this Permit

All applications, notifications or reports required by terms and conditions in this permit to be submitted or "reported in writing" are to be submitted to Ohio EPA through the Ohio EPA's eBusiness Center: Air Services web service ("Air Services"). Ohio EPA will accept hard copy submittals on an as-needed basis if the permittee cannot submit the required documents through the Ohio EPA eBusiness Center. In the event ofan alternative hard copy submission in lieu of the eBusiness Center, the post-marked date or the date the document is delivered in person will be recognized as the date submitted. Electronic submission of applications, notifications, or reports required to be submitted to Ohio EPA fulfills the requirement to submit the required information to the Director, the Ohio EPA DAPC, Central District Office, and/or any other individual or organization specifically identified as an additional recipient identified in this permit unless otherwise specified. Consistent with OAC rule 3745-15-03, the required application, notification or report is considered to be "submitted" on the date the submission is successful using a valid electronic signature. Signature by the Responsible Official may be represented as provided through procedures established in Air Services.

B. Facility-Wide Terms and Conditions

1. All the following facility-wide terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only:

   a) None.

2. The following emissions units in this permit are subject to National Emissions Standards for Hazardous Air Pollutants (NESHAP) 40 CFR Part 63, Subpart JJ, Maximum Achievable Control Standards (MACT): K003, K004, K005, K006, K007, K008, K009, K010, K011, K012, K013, K014, K015, K016, K017, K018, K019, K020, K021, K022, K023, K024, K025, K025, K027, K028, K029, and K030. The complete NESHAP/MACT requirements, including the NESHAP/MACT General Provisions, may be accessed via the internet from the Electronic Code of Federal Regulations (e-CFR) website http://ecfr.gpoaccess.gov or by contacting the appropriate Ohio EPA District Office or local air agency.

3. The following emissions units in this permit are subject to National Emissions Standards for Hazardous Air Pollutants (NESHAP) 40 CFR Part 63, Subpart RRRR, Maximum Achievable Control Standards (MACT): K003 and K011. The complete NESHAP/MACT requirements, including the NESHAP/MACT General Provisions, may be accessed via the internet from the Electronic Code of Federal Regulations (e-CFR) website http://ecfr.gpoaccess.gov or by contacting the appropriate Ohio EPA District Office or local air agency.

C. Emissions Unit Terms and Conditions

1. K003, K003- Coating application booth 02

Operations, Property and/or Equipment Description:

N. Wasserstrom JBI Spray Booth (Model 108-158)

a) The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

(1) None.

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(D) (Synthetic Minor to Avoid Non-attainment New Source Review)	Volatile organic compound (VOC) emissions shall not exceed 9.52 tons per rolling, 12-month period. See b)(2)a.
b.	40 CFR Part 63, Subpart JJ (40 CFR 63.800-808)	See Table 3 of 40CFR 63, Subpart JJ:1.0 lb volatile hazardous air pollutant (VHAP) per lb solids, as applied, for stains, washcoats, sealers, topcoats, basecoats, and enamels demonstrated in accordance with 63.804(a). 10% VHAP, by weight, for each thinner See c)(3), c)(4), d)(8), e)(3), and f)(2)
c.	40 CFR Part 63, Subpart RRRR (40 CFR 63.4880 - 4981)	0.83 lb organic hazardous air pollutant (HAP) per gallon of coating solids demonstrated in accordance with 63.4891 See c)(5), d)(9), e)(4), and f)(3)
d.	40 CFR Part 63, Subpart A	See b)(2)d. and b)(2)e.
e.	OAC rule 3745-31-05(A)(3) (P0116526)	The VOC content for each coating shall not exceed 6.72 lbs VOC per gallon. The VOC content for each cleanup material shall not exceed 7.09 lbs VOC per gallon. Particulate emissions (PE) shall not

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		exceed 0.19 pound per hour (lb/hr) and 0.85 ton per year (TPY). See b)(2)c.
f.	OAC rule 3745-17-11(C)	See c)(1), c)(2), d)(3) – d)(7) and e)(2)f.
g.	OAC rule 3745-21-09(U)(2)(e)(iii)	Pursuant to OAC rule 3745-21-09(U)(2)(e)(iii), the limitations identified in OAC rule 3745-21-09(U)(1) do not apply to a coating line that never uses more than ten gallons per day of coating. See b)(2)b.

(2) Additional Terms and Conditions

a. This emissions unit has been in operation for more than 12 months and, as such, the permittee has existing records to generate the rolling, 12-month summation of the coating and cleanup usage, upon issuance of this permit. The maximum coating and cleanup usage for this emissions unit shall not exceed:

i. 2,082 gallons of coating per rolling, 12-month period; and

ii. 712 gallons of cleanup material per rolling, 12-month period.

b. The permittee shall not employ more than ten gallons of coating per day for the miscellaneous metal parts and products coating line. The daily usage limitation for the coating line shall not include coatings applied to parts or products which are not metal.

c. The hourly and annual PE limitations were established to reflect the potential to emit for this emissions unit taking into consideration the use of the dry filtration system. The monitoring, recordkeeping, and reporting requirements associated with the dry filtration system are sufficient to ensure compliance with these limitations.

d. Table 1 to Subpart JJ of 40 CFR Part 63,*Applicability of General Provisions to Subpart JJ*identifies which parts of the General Provisions in 40 CFR 63.1-16 apply.

e. Table 2 to Subpart RRRR of 40 CFR Part 63,*Applicability of General Provisions to Subpart RRRR*identifies which parts of the General Provisions in 40 CFR 63.1-16 apply.

c) Operational Restrictions

(1) The permittee shall install and operate a dry filtration system for the control of particulate emissions whenever this emissions unit is in operation and shall maintain the dry

particulate filter in accordance with the manufacturer's recommendations, instructions, and/or operating manual(s), with any modifications deemed necessary by the permittee.

[Authority for term: OAC rule 3745-77-07(A)(1), rule 17-11(C)(1) and rule 17-11(C)(2)(b)]

(2) In the event the particulate filter system is not operating in accordance with the manufacturer's recommendations, instructions, or operating manual, with any modifications deemed necessary by the permittee, the control device shall be expeditiously repaired or otherwise returned to these documented operating conditions.

[Authority for term: OAC rule 3745-77-07(A)(1), and rule 17-11(C)(2)(e)]

(3) The permittee shall comply with the applicable operational restrictions necessary to demonstrate compliance with 40 CFR Part 63, Subpart JJ.

Applicable Rule	Requirement
63.802(a)	Emissions limitations for existing affected sources
63.802(c)	Operational and maintenance (general)

[Authority for term: OAC rule 3745-77-07(A)(1) and 40 CFR Part 63, Subpart JJ]

(4) The permittee shall comply with the applicable work practices standards required under 40 CFR Part 63, Subpart JJ, including the following sections:

Applicable Rule	Requirement
63.803(a)	Work implementation plan
63.803(b)	Operator training course*
63.803(c)	Inspection and maintenance plan
63.803(d)	Cleaning and wash-off solvent accounting system
63.803(e)	Chemical composition of cleaning and wash-off solvents
63.803(f)	Spray booth cleaning
63.803(g)	Storage requirements
63.803(h)	Application equipment requirements
63.803(i)	Line cleaning

63.803(j)	Gun cleaning
63.803(k)	Wash-off operations
63.803(l)	Formulation assessment plan for finishing operations

* The permittee shall ensure that all personnel/positions associated with the coating operations utilizing HAP-containing materials receive training in the applicable 'work practice' standards required under 40 CFR 63 Subpart JJ (MACT Standards for Wood Furniture Manufacturing).

[Authority for term: OAC rule 3745-77-07(A)(1) and 40 CFR Part 63, Subpart JJ]

(5) The permittee shall comply with the applicable operational restrictions necessary to demonstrate compliance with 40 CFR Part 63, Subpart RRRR.

Applicable Rule	Requirement
63.4890	Emissions limitations for existing affected sources

[Authority for term: OAC rule 3745-77-07(A)(1) and 40 CFR Part 63, Subpart RRRR]

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall maintain daily records of the coating usage, in gallons, for this emissions unit.

[Authority for term: OAC rule 3745-77-07(C)(1), rule 21-09(B)(3)(d), and rule 21-09(U)(2)(e)(iii)]

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

a. the name and identification number of each coating employed;

b. the name and identification number of each cleanup material employed;

c. the VOC content of each coating employed, in pounds per gallon;

d. the VOC content of each cleanup material employed, in pounds per gallon;

e. the number of gallons of each coating employed;

f. the number of gallons of each cleanup material employed;

g. the rolling, 12-month total of all coatings employed, in gallons;

h. the rolling, 12-month total of all cleanup materials employed, in gallons;

i. the total monthly VOC emissions from coatings employed [e.g., the sum of (2)e. multiplied by (2)c. for all coatings];

j. the total monthly VOC emissions from cleanup materials employed [e.g., the sum of (2)f. multiplied by (2)d. for all cleanup materials];

k. the combined monthly VOC emissions from coating and cleanup operations, in tons [e.g., the sum of (2)i. and (2)j]; and

l. the combined, rolling, 12-month VOC emissions from coating and cleanup operations [e.g., the result of (2)k. added to the previous 11 months].

[Authority for term: OAC rule 3745-77-07(C)(1) and rule 31-05(D)]

(3) The permittee shall maintain documentation of the manufacturer's recommendations, instructions, or operating manuals for the dry particulate filter, along with documentation of any modifications deemed necessary by the permittee. These documents shall be maintained at the facility and shall be made available to Ohio EPA Central District Office upon request.

[Authority for term: OAC rule 3745-77-07(C)(1) and rule 17-11(C)(2)(a)]

(4) The permittee shall conduct periodic inspections of the dry particulate filter to determine whether it is operating in accordance with the manufacturer's recommendations, instructions, or operating manuals with any modifications deemed necessary by the permittee or operator. These inspections shall be performed at a frequency that shall be based upon the recommendation of the manufacturer and the permittee shall maintain a copy of the manufacturer's recommended inspection frequency and it shall be made available to the Ohio EPA upon request.

[Authority for term: OAC rule 3745-77-07(C)(1) and rule 17-11(C)(2)(c)]

(5) In addition to the recommended periodic inspections, not less than once each calendar year the permittee shall conduct a comprehensive inspection of the dry particulate filter while the emissions unit is shut down and perform any needed maintenance and repair to ensure that it is operated in accordance with the manufacturer's recommendations.

[Authority for term: OAC rule 3745-77-07(C)(1) and rule 17-11(C)(2)(c)]

(6) The permittee shall document each inspection (periodic and annual) of the dry particulate filter system and shall maintain the following information:

a. the date of the inspection;
b. a description of each/any problem identified and the date it was corrected;
c. a description of any maintenance and repairs performed; and
d. the name of person who performed the inspection.

These records shall be maintained at the facility for not less than five years from the date the inspection and any necessary maintenance or repairs were completed and shall be made available to Ohio EPA Central District Office upon request.

[Authority for term: OAC rule 3745-77-07(C)(1) and rules 17-11(C)(2)(d) and (f)]

(7) The permittee shall maintain records that document any time periods when the dry particulate filter was not in service when the emissions unit(s) was/were in operation, as well as, a record of all operations during which the dry particulate filter was not operated according to the manufacturer's recommendations with any documented modifications made by the permittee. These records shall be maintained for a period of not less than five years and shall be made available to the Ohio EPA upon request.

[Authority for term: OAC rule 3745-77-07(C)(1) and rules 17-11(C)(2)(e), (f), and (g)]

(8) The permittee shall comply with the applicable monitoring and/or recordkeeping requirements necessary to demonstrate compliance with 40 CFR Part 63, Subpart JJ., including the following:

Applicable Rule	Requirement
63.806(a)	Recordkeeping requirements of 63.10 of Subpart A according to the applicability criteria in 63.800(d).
63.806(b)	Recordkeeping requirements for sources subject to emission limitations in 63.802.
63.806(e)	Recordkeeping requirements for the work practice standards in 63.803.
63.806(h)	Recordkeeping requirements for the compliance certifications submitted in accordance with 63.807(c) for sources subject to the emission limitations in 63.802 and following the compliance provisions of 63.804(f)(1), (2), (3), (5), (7) and (8) and 63.804(g)(1), (2), (3), (5), (7) and (8).
63.806(i)	Recordkeeping requirements of all other information submitted with the compliance status report required by 63.9(h) and 63.807(b).
63.806(j)	Recordkeeping requirements in accordance with 63.10(b)(1).

[Authority for term: OAC rule 3745-77-07(C)(1) and 40 CFR Part 63, Subpart JJ]

(9) The permittee shall comply with the applicable monitoring and/or recordkeeping requirements necessary to demonstrate compliance with 40 CFR Part 63, Subpart RRRR.

Applicable Rule	Requirement
40 CFR 63.4930(b)	Copy of current supplier's specification, formulation data and test method results

40 CFR 63.4930(c)(1)	Operation and usage data
40 CFR 63.4930(c)(2) and 40 CFR 63.4941(d)	Calculation of the organic HAP content for each coating, using Equation 2 of 63.4941
40 CFR 63.4930(d)	Record of name and volume of each coating, thinner, and cleaning material used during each compliance period
40 CFR 63.4930(e) and 63.4941(a)(4)-(5)	Records of the mass fraction of organic HAP for each coating, thinner and cleaning material used during each compliance period
40 CFR 63.4930(f) and 63.4941(b)	Records of the volume fraction of coating solids for each coating used during each compliance period
40 CFR 63.4930(g) and 63.4941(c)	Records of the density of each coating used during each compliance period
40 CFR 63.4930(j) and 63.4920(a) – (c)	Continuing recordkeeping for each monthly compliance period as demonstrated above
40 CFR 63.4931	Records retention for at least 5 years, and a minimum of 2 years on site

[Authority for term: OAC rule 3745-77-07(C)(1) and 40 CFR Part 63, Subpart RRRR]

e) Reporting Requirements

(1) Unless other arrangements have been approved by the Director, all notifications and reports shall be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal.

[Authority for term: OAC rule 3745-77-07(A)(3)(c) and rule 15-03(A)]

(2) The permittee shall submit quarterly deviation (excursion) reports that identify the following:

a. any exceedance of the rolling, 12-month summation of coating;

b. any exceedance of the coating VOC content restriction;

c. any exceedance of the rolling, 12-month summation of cleanup material;

d. any exceedance of the cleanup material VOC content restriction;

e. any exceedance of the rolling, 12-month VOC emissions limitation; and

f. any daily record showing that the dry particulate filter system was not in service or not operated according to manufacturer's recommendations (with any documented modifications made by the permittee) when the emissions unit(s) was/were in operation.

The quarterly deviation (excursion) reports shall be submitted in accordance with the reporting requirements of the Standard Terms and Conditions of this permit.

[Authority for term: OAC rule 3745-77-07(A)(3)(c), rule 15-03(B)(1)(a), and rule 15-03(C)]

(3) The permittee shall submit semiannual reports and other such notifications and reports to the appropriate Ohio EPA District Office or local air agency as required pursuant to 40 CFR, Part 63, Subpart JJ, including the following sections:

Applicable Rule	Requirement
63.807(a)	Reporting requirements of 63.7 through 63.10 of Subpart A according to the applicability criteria in 63.800(d)
63.807(b)	Reporting requirements for sources demonstrating compliance in accordance with 63.804(f)(1), (2), (3), (5), (7) and (8)
63.807(c)	Reporting requirements for sources demonstrating compliance in accordance with 63.804(g)(1), (2), (3), (5), (7) and (8)
63.807(e)	Reporting requirements for sources required to provide a written notification under 63.803(l)(4)

[Authority for term: OAC rule 3745-77-07(C)(1) and 40 CFR Part 63, Subpart JJ]

(4) The permittee shall submit semiannual reports and other such notifications and reports to the appropriate Ohio EPA District Office or local air agency as required pursuant to 40 CFR, Part 63, Subpart RRRR, including the following sections:

Applicable Rule	Requirement
40 CFR 63.4910	Submit all reports that apply by required dates in Table 2, General Provisions
40 CFR 63.4920(a)(1), (a)(2), and (a)(3)(i) - (iv) and (a)(4) - (5)	Submit the semiannual compliance report.

[Authority for term: OAC rule 3745-77-07(C)(1) and 40 CFR Part 63, Subpart RRRR]

(5) The permittee shall notify the Ohio EPA, Central District Office in writing of any daily record showing that the coating line employed more than 10 gallons per day. The

notification shall include a copy of such record and shall be sent to the appropriate District Office or local air agency within 45 days after the exceedance occurs.

[Authority for term: OAC rule 3745-77-07(C)(1) and rule 21-09(B)(3)(e)]

f) Testing Requirements

(1) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:

a. Emissions Limitation:

VOC emissions shall not exceed 9.52 tons per rolling, 12-month period.

Applicable Compliance Method:

Compliance shall be demonstrated in accordance with the recordkeeping requirements established in d)(2).

b. Emissions Limitation:

PE shall not exceed 0.19 lb/hr.

Applicable Compliance Method:

The hourly PE limitation was established by multiplying the maximum hourly coating usage (0.37 gallons) by the maximum solids content in the coatings. Multiply the result by one minus the transfer efficiency (65%) and one minus the control efficiency (88%).

c. Emissions Limitation:

PE shall not exceed 0.85 ton TPY.

Applicable Compliance Method:

The annual PE limitation was established by multiplying the maximum hourly coating usage (0.37 gallons) by the maximum solids content in the coatings and a conversion factor of 8,760 hours/yr and 1 ton/2000 lbs. Multiply the result by one minus the transfer efficiency (65%) and one minus the control efficiency (88%).

d. Emissions Limitation:

Use no more than 10 gallons of coating material per day for the coating of miscellaneous metal parts.

Applicable Compliance Method:

Compliance shall demonstrated in accordance with the recordkeeping requirements established in d)(1).

[Authority for term: OAC rule 3745-77-07(C)(1), rule 31-05(D), rule 31-05(A)(3), and rule 21-09(U)(2)(e)(iii)]

(2) The permittee shall comply with the applicable testing requirements necessary to demonstrate compliance with 40 CFR Part 63, Subpart JJ.

Applicable Rule	Requirement
63.804(a)	An affected source subject to 63.802(a)(1) shall comply with those provisions by using any of the methods presented in 63.804(a)(1) through (a)(4).
63.804(f)	Initial compliance.
63.804(g)	Continuous compliance demonstrations.
63.805(a)	U.S. EPA Method 311 of Appendix A of 40 CFR, Part 63 shall be used in conjunction with the formulation data to determine the VHAP (or formaldehyde specifically) content of the liquid coating.

[Authority for term: OAC rule 3745-77-07(C)(1) and 40 CFR Part 63, Subpart JJ]

(3) The permittee shall comply with the applicable testing requirements necessary to demonstrate compliance with 40 CFR Part 63, Subpart RRRR.

Applicable Rule	Requirement
40 CFR 63.4940, 63.4941, and 63.4942	The permittee must continue to perform ongoing compliance demonstrations according to the requirements in 63.4942.

[Authority for term: OAC rule 3745-77-07(C)(1) and 40 CFR Part 63, Subpart RRRR]

g) Miscellaneous Requirements

(1) None.

2. K011, K011- Coating application booth 01 -formerly K001 and R002

Operations, Property and/or Equipment Description:

Metal and wood furniture coating spray booth on Amtekco side - formerly K001

a) The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

(1) None.

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(D) (Synthetic Minor to Avoid Non-attainment New Source Review)	Volatile organic compound (VOC) emissions shall not exceed 25.41 tons per rolling, 12-month period. See b)(2)a.
b.	40 CFR Part 63, Subpart JJ (40 CFR 63.800-808)	See Table 3 of 40CFR 63, Subpart JJ:1.0 lb volatile hazardous air pollutant (VHAP) per lb solids, as applied, for stains, washcoats, sealers, topcoats, basecoats, and enamels demonstrated in accordance with 63.804(a). 10% VHAP, by weight, for each thinner See c)(3), c)(4), d)(8), e)(3), and f)(2)
c.	40 CFR Part 63, Subpart RRRR (40 CFR 63.4880 - 4981)	0.83 lb organic hazardous air pollutant (HAP) per gallon of coating solids demonstrated in accordance with 63.4891 See c)(5), d)(9), e)(4), and f)(3)
d.	40 CFR Part 63, Subpart A	See b)(2)f. and b)(2)g.
e.	OAC rule 3745-31-05(A)(3) (P0116526)	Emissions of particulate matter less than 10 microns in aerodynamic diameter (PM_{10}) shall not exceed 1.67 tons per rolling, 12-month period. Emissions of particulate matter less than 2.5 microns in aerodynamic diameter ($PM_{2.5}$) shall not exceed 1.67 tons per

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		rolling, 12-month period. See b)(2)b. and b)(2)e.
f.	OAC rule 3745-31-05(A)(3), as effective 12/01/2006	See b)(2)c.
g.	ORC 3704.03(T)	The VOC emissions limitation established by this rule is equivalent to the VOC emissions limitation established pursuant to OAC rule 3745-31-05(D).
h.	OAC rule 3745-17-11(C)	See c)(1), c)(2), d)(3) – d)(7) and e)(2)d.
i.	OAC rule 3745-21-09(U)(2)(e)(iii)	Pursuant to OAC rule 3745-21-09(U)(2)(e)(iii), the limitations identified in OAC rule 3745-21-09(U)(1) do not apply to a coating line that never uses more than ten gallons per day of coating. See b)(2)d.

(2) Additional Terms and Conditions

a. This emissions unit has been in operation for more than 12 months and, as such, the permittee has existing records to generate the rolling, 12-month summation of the coating and cleanup usage, upon issuance of this permit. The maximum coating and cleanup usage for this emissions unit shall not exceed:

i. 6,407 gallons of coating per rolling, 12-month period; and

ii. 1,095 gallons of cleanup material per rolling, 12-month period.

b. The permittee has satisfied the Best Available Technology (BAT) requirements pursuant to Ohio Administrative Code (OAC) paragraph 3745-31-05(A)(3), as effective November 30, 2001, in this permit. On December 1, 2006, paragraph (A)(3) of OAC rule 3745-31-05 was revised to conform to the Ohio Revised Code (ORC) changes effective August 3, 2006 (Senate Bill 265 changes), such that BAT is no longer required by State regulations for National Ambient Air Quality Standards (NAAQS) pollutant(s) less than ten tons per year. However, that rule revision has not yet been approved by U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Therefore, until the SIP revision occurs and the U.S. EPA approves the revisions to OAC rule 3745-31-05, the requirement to satisfy BAT still exists as part of the federally-approved SIP for Ohio. Once U.S. EPA approves the December 1, 2006 version of OAC rule 3745-31-05, then these emission limitations/control measures no longer apply.

c. The following rule paragraph applies once U.S. EPA approves the December 1, 2006 version of OAC rule 3745-31-05 as part of the State Implementation Plan.

i. The Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) do not apply to the PM_{10} and $PM_{2.5}$ emissions from this air contaminant source since the calculated annual emission rate for each pollutant is less than 10 tons/year, taking into account the federally enforceable rule under OAC rule 3745-17-11(C).

d. The permittee shall not employ more than ten gallons of coating per day for the miscellaneous metal parts and products coating line. The daily usage limitation for the coating line shall not include coatings applied to parts or products which are not metal.

e. The PM_{10} and $PM_{2.5}$ emissions limitations were established to reflect the potential to emit for this emissions unit taking into consideration the use of the dry filtration system. The monitoring, recordkeeping, and reporting requirements associated with the dry filtration system are sufficient to ensure compliance with these limitations.

f. Table 1 to Subpart JJ of 40 CFR Part 63,*Applicability of General Provisions to Subpart JJ*identifies which parts of the General Provisions in 40 CFR 63.1-16 apply.

g. Table 2 to Subpart RRRR of 40 CFR Part 63,*Applicability of General Provisions to Subpart RRRR*identifies which parts of the General Provisions in 40 CFR 63.1-16 apply.

c) Operational Restrictions

(1) The permittee shall install and operate a dry filtration system for the control of particulate emissions whenever this emissions unit is in operation and shall maintain the dry particulate filter in accordance with the manufacturer's recommendations, instructions, and/or operating manual(s), with any modifications deemed necessary by the permittee.

[Authority for term: OAC rule 3745-77-07(A)(1), rule 17-11(C)(1) and rule 17-11(C)(2)(b)]

(2) In the event the particulate filter system is not operating in accordance with the manufacturer's recommendations, instructions, or operating manual, with any modifications deemed necessary by the permittee, the control device shall be expeditiously repaired or otherwise returned to these documented operating conditions.

[Authority for term: OAC rule 3745-77-07(A)(1) and rule 17-11(C)(2)(e)]

(3) The permittee shall comply with the applicable operational restrictions necessary to demonstrate compliance with 40 CFR Part 63, Subpart JJ.

Applicable Rule	Requirement
63.802(a)	Emissions limitations for existing affected sources
63.802(c)	Operational and maintenance (general)

[Authority for term: OAC rule 3745-77-07(A)(1) and 40 CFR Part 63, Subpart JJ]

(4) The permittee shall comply with the applicable work practices standards required under 40 CFR Part 63, Subpart JJ, including the following sections:

Applicable Rule	Requirement
63.803(a)	Work implementation plan
63.803(b)	Operator training course*
63.803(c)	Inspection and maintenance plan
63.803(d)	Cleaning and wash-off solvent accounting system
63.803(e)	Chemical composition of cleaning and wash-off solvents
63.803(f)	Spray booth cleaning
63.803(g)	Storage requirements
63.803(h)	Application equipment requirements
63.803(i)	Line cleaning
63.803(j)	Gun cleaning
63.803(k)	Wash-off operations
63.803(l)	Formulation assessment plan for finishing operations

* The permittee shall ensure that all personnel/positions associated with the coating operations utilizing HAP-containing materials receive training in the applicable 'work practice' standards required under 40 CFR 63 Subpart JJ (MACT Standards for Wood Furniture Manufacturing).

[Authority for term: OAC rule 3745-77-07(A)(1) and 40 CFR Part 63, Subpart JJ]

(5) The permittee shall comply with the applicable operational restrictions necessary to demonstrate compliance with 40 CFR Part 63, Subpart RRRR.

Applicable Rule	Requirement
63.4890	Emissions limitations for existing affected sources

[Authority for term: OAC rule 3745-77-07(A)(1) and 40 CFR Part 63, Subpart RRRR]

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall maintain daily records of the coating usage, in gallons, for this emissions unit.

[Authority for term: OAC rule 3745-77-07(C)(1), rule 21-09(B)(3)(d), and rule 21-09(U)(2)(e)(iii)]

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

a. the name and identification number of each coating employed;

b. the name and identification number of each cleanup material employed;

c. the VOC content of each coating employed, in pounds per gallon;

d. the VOC content of each cleanup material employed, in pounds per gallon;

e. the number of gallons of each coating employed;

f. the number of gallons of each cleanup material employed;

g. the rolling, 12-month total of all coatings employed, in gallons;

h. the rolling, 12-month total of all cleanup materials employed, in gallons;

i. the total monthly VOC emissions from coatings employed [e.g., the sum of (2)e. multiplied by (2)c. for all coatings];

j. the total monthly VOC emissions from cleanup materials employed [e.g., the sum of (2)f. multiplied by (2)d. for all cleanup materials];

k. the combined monthly VOC emissions from coating and cleanup operations, in tons [e.g., the sum of (2)i. and (2)j]; and

l. the combined, rolling, 12-month VOC emissions from coating and cleanup operations [e.g., the result of (2)k. added to the previous 11 months].

[Authority for term: OAC rule 3745-77-07(C)(1) and rule 31-05(D)]

(3) The permittee shall maintain documentation of the manufacturer's recommendations, instructions, or operating manuals for the dry particulate filter, along with documentation of any modifications deemed necessary by the permittee. These documents shall be maintained at the facility and shall be made available to Ohio EPA Central District Office upon request.

[Authority for term: OAC rule 3745-77-07(C)(1) and rule 17-11(C)(2)(a)]

(4) The permittee shall conduct periodic inspections of the dry particulate filter to determine whether it is operating in accordance with the manufacturer's recommendations, instructions, or operating manuals with any modifications deemed necessary by the permittee or operator. These inspections shall be performed at a frequency that shall be based upon the recommendation of the manufacturer and the permittee shall maintain a copy of the manufacturer's recommended inspection frequency and it shall be made available to the Ohio EPA upon request.

[Authority for term: OAC rule 3745-77-07(C)(1) and rule 17-11(C)(2)(c)]

(5) In addition to the recommended periodic inspections, not less than once each calendar year the permittee shall conduct a comprehensive inspection of the dry particulate filter while the emissions unit is shut down and perform any needed maintenance and repair to ensure that it is operated in accordance with the manufacturer's recommendations.

[Authority for term: OAC rule 3745-77-07(C)(1) and rule 17-11(C)(2)(c)]

(6) The permittee shall document each inspection (periodic and annual) of the dry particulate filter system and shall maintain the following information:

a. the date of the inspection;
b. a description of each/any problem identified and the date it was corrected;
c. a description of any maintenance and repairs performed; and
d. the name of person who performed the inspection.

These records shall be maintained at the facility for not less than five years from the date the inspection and any necessary maintenance or repairs were completed and shall be made available to Ohio EPA Central District Office upon request.

[Authority for term: OAC rule 3745-77-07(C)(1) and rules 17-11(C)(2)(d) and (f)]

(7) The permittee shall maintain records that document any time periods when the dry particulate filter was not in service when the emissions unit(s) was/were in operation, as well as, a record of all operations during which the dry particulate filter was not operated according to the manufacturer's recommendations with any documented modifications made by the permittee. These records shall be maintained for a period of not less than five years and shall be made available to the Ohio EPA upon request.

[Authority for term: OAC rule 3745-77-07(C)(1) and rules 17-11(C)(2)(e), (f), and (g)]

(8) The permittee shall comply with the applicable monitoring and/or recordkeeping requirements necessary to demonstrate compliance with 40 CFR Part 63, Subpart JJ., including the following:

Applicable Rule	Requirement
63.806(a)	Recordkeeping requirements of 63.10 of Subpart A according to the applicability criteria in 63.800(d).
63.806(b)	Recordkeeping requirements for sources subject to emission

Applicable Rule	Requirement
	limitations in 63.802.
63.806(e)	Recordkeeping requirements for the work practice standards in 63.803.
63.806(h)	Recordkeeping requirements for the compliance certifications submitted in accordance with 63.807(c) for sources subject to the emission limitations in 63.802 and following the compliance provisions of 63.804(f)(1), (2), (3), (5), (7) and (8) and 63.804(g)(1), (2), (3), (5), (7) and (8).
63.806(i)	Recordkeeping requirements of all other information submitted with the compliance status report required by 63.9(h) and 63.807(b).
63.806(j)	Recordkeeping requirements in accordance with 63.10(b)(1).

[Authority for term: OAC rule 3745-77-07(C)(1) and 40 CFR Part 63, Subpart JJ]

(9) The permittee shall comply with the applicable monitoring and/or recordkeeping requirements necessary to demonstrate compliance with 40 CFR Part 63, Subpart RRRR.

Applicable Rule	Requirement
40 CFR 63.4930(b)	Copy of current supplier's specification, formulation data and test method results
40 CFR 63.4930(c)(1)	Operation and usage data
40 CFR 63.4930(c)(2) and 40 CFR 63.4941(d)	Calculation of the organic HAP content for each coating, using Equation 2 of 63.4941
40 CFR 63.4930(d)	Record of name and volume of each coating, thinner, and cleaning material used during each compliance period
40 CFR 63.4930(e) and 63.4941(a)(4)-(5)	Records of the mass fraction of organic HAP for each coating, thinner and cleaning material used during each compliance period
40 CFR 63.4930(f) and 63.4941(b)	Records of the volume fraction of coating solids for each coating used during each compliance period

Applicable Rule	Requirement
40 CFR 63.4930(g) and 63.4941(c)	Records of the density of each coating used during each compliance period
40 CFR 63.4930(j) and 63.4920(a) – (c)	Continuing recordkeeping for each monthly compliance period as demonstrated above
40 CFR 63.4931	Records retention for at least 5 years, and a minimum of 2 years on site

[Authority for term: OAC rule 3745-77-07(C)(1) and 40 CFR Part 63, Subpart RRRR]

e) Reporting Requirements

(1) Unless other arrangements have been approved by the Director, all notifications and reports shall be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal.

[Authority for term: OAC rule 3745-77-07(A)(3)(c) and rule 15-03(A)]

(2) The permittee shall submit quarterly deviation (excursion) reports that identify the following:

a. any exceedance of the rolling, 12-month summation of coating;

b. any exceedance of the rolling, 12-month summation of cleanup material;

c. any exceedance of the rolling, 12-month VOC emissions limitation; and

d. any daily record showing that the dry particulate filter system was not in service or not operated according to manufacturer's recommendations (with any documented modifications made by the permittee) when the emissions unit(s) was/were in operation.

The quarterly deviation (excursion) reports shall be submitted in accordance with the reporting requirements of the Standard Terms and Conditions of this permit.

[Authority for term: OAC rule 3745-77-07(A)(3)(c), rule 15-03(B)(1)(a), and rule 15-03(C)]

(3) The permittee shall submit semiannual reports and other such notifications and reports to the appropriate Ohio EPA District Office or local air agency as required pursuant to 40 CFR, Part 63, Subpart JJ, including the following sections:

Applicable Rule	Requirement
63.807(a)	Reporting requirements of 63.7 through 63.10 of Subpart A according to the applicability criteria in 63.800(d)
63.807(b)	Reporting requirements for sources demonstrating compliance in accordance with 63.804(f)(1), (2), (3), (5), (7) and (8)
63.807(c)	Reporting requirements for sources demonstrating compliance in accordance with 63.804(g)(1), (2), (3), (5), (7) and (8)
63.807(e)	Reporting requirements for sources required to provide a written notification under 63.803(l)(4)

[Authority for term: OAC rule 3745-77-07(C)(1) and 40 CFR Part 63, Subpart JJ]

(4) The permittee shall submit semiannual reports and other such notifications and reports to the appropriate Ohio EPA District Office or local air agency as required pursuant to 40 CFR, Part 63, Subpart RRRR, including the following sections:

Applicable Rule	Requirement
40 CFR 63.4910	Submit all reports that apply by required dates in Table 2, General Provisions
40 CFR 63.4920(a)(1), (a)(2), and (a)(3)(i) - (iv) and (a)(4) - (5)	Submit the semiannual compliance report.

[Authority for term: OAC rule 3745-77-07(C)(1) and 40 CFR Part 63, Subpart RRRR]

(5) The permittee shall notify the Ohio EPA, Central District Office in writing of any daily record showing that the coating line employed more than 10 gallons per day. The notification shall include a copy of such record and shall be sent to the appropriate District Office or local air agency within 45 days after the exceedance occurs.

[Authority for term: OAC rule 3745-77-07(C)(1) and rule 21-09(B)(3)(e)]

f) Testing Requirements

(1) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:

a. <u>Emissions Limitation:</u>

VOC emissions shall not exceed 25.41 tons per rolling, 12-month period.

Applicable Compliance Method:

Compliance shall be demonstrated in accordance with the recordkeeping requirements established in d)(2).

b. Emissions Limitations:

PM_{10} emissions shall not exceed 1.67 tons per rolling, 12-month period (as applicable prior to U.S. EPA approving the December 1, 2006, version of OAC rule 3745-31-05 as part of the SIP).

$PM_{2.5}$ emissions shall not exceed 1.67 tons per rolling, 12-month period (as applicable prior to U.S. EPA approving the December 1, 2006, version of OAC rule 3745-31-05 as part of the SIP).

Applicable Compliance Method:

The rolling, 12-month PM_{10} and $PM_{2.5}$ emissions limitations were established by multiplying the maximum hourly coating usage (0.73 gallons) by the maximum solids content in the coatings and a conversion factor of 8,760 hours/yr and 1 ton/2000 lbs. Multiply the result by one minus the transfer efficiency (65%) and one minus the control efficiency (88%).

c. Emissions Limitation:

Use no more than 10 gallons of coating material per day for the coating of miscellaneous metal parts.

Applicable Compliance Method:

Compliance shall be demonstrated in accordance with the recordkeeping requirements established in d)(1).

[Authority for term: OAC rule 3745-77-07(C)(1), rule 31-05(D), rule 31-05(A)(3), and rule 21-09(U)(2)(e)(iii)]

(2) The permittee shall comply with the applicable testing requirements necessary to demonstrate compliance with 40 CFR Part 63, Subpart JJ.

Applicable Rule	Requirement
63.804(a)	An affected source subject to 63.802(a)(1) shall comply with those provisions by using any of the methods presented in 63.804(a)(1) through (a)(4).
63.804(f)	Initial compliance.
63.804(g)	Continuous compliance demonstrations.
63.805(a)	U.S. EPA Method 311 of Appendix A of 40 CFR, Part 63 shall be used in conjunction with the formulation data to determine

Applicable Rule	Requirement
	the VHAP (or formaldehyde specifically) content of the liquid coating.

[Authority for term: OAC rule 3745-77-07(C)(1) and 40 CFR Part 63, Subpart JJ]

(3) The permittee shall comply with the applicable testing requirements necessary to demonstrate compliance with 40 CFR Part 63, Subpart RRRR.

Applicable Rule	Requirement
40 CFR 63.4940, 63.4941, and 63.4942	The permittee must continue to perform ongoing compliance demonstrations according to the requirements in 63.4942.

[Authority for term: OAC rule 3745-77-07(C)(1) and 40 CFR Part 63, Subpart RRRR]

g) Miscellaneous Requirements

(1) None.

3. P001, P001- Woodworking operations with dust collector

Operations, Property and/or Equipment Description:

Woodworking Operations with Dust Collector

a) The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

(1) d)(3) and e)(3).

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) (PTIO P0105401)	Particulate emissions (PE) from the bag house stack shall not exceed 2.2 pounds per hour and 9.6 tons per year. See (2)a below. The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07(A)(1) and 3745-17-11(B)(1).
b.	OAC rule 3745-17-07(A)(1)	See (2)b below.
c.	OAC rule 3745-17-11(B)(1)	See (2)c below.

(2) Additional Terms and Conditions

a. The permittee shall operate and maintain the sawdust collection system and vent emissions to the baghouse according to manufactures specifications to maximize capture efficiency and control capabilities.

b. Visible PE from the bag house stack shall not exceed 20%, as a 6- minute average, except as provided by rule.

c. The PE limitation established pursuant to OAC rule 3745-31-05 above is more stringent than the emission limitation established by this rule.

c) Operational Restrictions

(1) None.

d) Monitoring and/or Recordkeeping Requirements

(1) In order to maintain compliance with the applicable emission limitation(s) contained in this permit, the acceptable range established for the pressure drop across the baghouse is between 0.5 to 4.0 inches of water.

[Authority for term: OAC rule 3745-77-07(C)(1) and rule 31-05(A)(3)]

(2) The permittee shall properly install, operate, and maintain equipment to continuously monitor the pressure drop, in inches of water, across the baghouse when the controlled emissions unit(s) is/are in operation, including periods of startup and shutdown. The permittee shall record the pressure drop across the baghouse on a daily basis. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s), with any modifications deemed necessary by the permittee.

Whenever the monitored value for the pressure drop deviates from the limit or range established in accordance with this permit,the permittee shall promptly investigate the cause of the deviation. The permittee shall maintain records of the following information for each investigation:

a. the date and time the deviation began;

b. the magnitude of the deviation at that time;

c. the date the investigation was conducted;

d. the name(s) of the personnel who conducted the investigation; and

e. the findings and recommendations.

In response to each required investigation to determine the cause of a deviation, the permittee shall take prompt corrective action to bring the operation of the control equipment within the acceptable range specified in this permit, unless the permittee determines that corrective action is not necessary and documents the reasons for that determination and the date and time the deviation ended. The permittee shall maintain records of the following information for each corrective action taken:

f. a description of the corrective action;

g. the date corrective action was completed;

h. the date and time the deviation ended;

i. the total period of time (in minutes) during which there was a deviation;

j. the pressure drop readings immediately after the corrective action was implemented; and

k. the name(s) of the personnel who performed the work.

Investigation and records required by this paragraph do not eliminate the need to comply with the requirements of OAC rule 3745-15-06 if it is determined that a malfunction has occurred.

This range or limit on the pressure drop across the baghouse is effective for the duration of this permit, unless revisions are requested by the permittee and approved in writing by Ohio EPA Central District Office. The permittee may request revisions to the permitted limit or range for the pressure drop based upon information obtained during future testing that demonstrate compliance with the allowable particulate emission rate for the controlled emissions unit(s). In addition, approved revisions to the range or limit will not constitute a relaxation of the monitoring requirements of this permit and may be incorporated into this permit by means of a minor permit modification.

[Authority for term: OAC rule 3745-77-07(C)(1) and rule 31-05(A)(3)]

(3) The permittee shall perform weekly checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:

a. the color of the emissions;

b. whether the emissions are representative of normal operations;

c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;

d. the total duration of any visible emissions incident; and

e. any corrective actions taken to minimize or eliminate the visible emissions.

If visible emissions are present, a visible emissions incident has occurred. The observer does not have to document the exact start and end times for the visible emissions incident under item (d) above or continue the weekly check until the incident has ended. The observer may indicate that the visible emissions incident was continuous during the observation period (or, if known, continuous during the operation of the emissions unit). With respect to the documentation of corrective actions, the observer may indicate that no corrective actions were taken if the visible emissions were representative of normal operations, or specify the minor corrective actions that were taken to ensure that the emissions unit continued to operate under normal conditions, or specify the corrective actions that were taken to eliminate abnormal visible emissions.

[Authority for term: OAC rule 3745-77-07(A)(3)]

e) Reporting Requirements

(1) Unless other arrangements have been approved by the Director, all notifications and reports shall be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal.

[Authority for term: OAC rule 3745-77-07(A)(3)(c) and rule 15-03(A)]

(2) The permittee shall submit quarterly deviation (excursion) reports that identify the following:

a. each period of time (start time and date, and end time and date)when the pressure drop across the baghouse was outside of the acceptable range;

b. any period of time (start time and date, and end time and date)when the emissions unit(s) was/were in operation and the process emissions were not vented to the baghouse;

c. each incident of deviation described in “a” (above) where a prompt investigation was not conducted;

d. each incident of deviation described in “a” where prompt corrective action, that would bring the pressure drop into compliance with the acceptable range, was determined to be necessary and was not taken; and

e. each incident of deviation described in “a” where proper records were not maintained for the investigation and/or the corrective action(s),as identified in the monitoring and record keeping requirements of this permit.

The quarterly deviation (excursion) reports shall be submitted in accordance with the reporting requirements of the Standard Terms and Conditions of this permit.

[Authority for term: OAC rule 3745-77-07(A)(3)(c), rule 15-03(B)(1)(a), and rule 15-03(C)]

(3) The permittee shall submit semiannual written reports that identify:

a. all days during which any visible particulate emissions were observed from the stack serving this emissions unit; and

b. any corrective actions taken to minimize or eliminate the visible particulate emissions.

These reports shall be submitted to the Director (Ohio EPA Central District Office) by January 31 and July 31 of each year and shall cover the previous 6-month period.

[Authority for term: OAC rule 3745-77-07(A)(3)(c)]

f) Testing Requirements

(1) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:

a. <u>Emission Limitation:</u>
PE from the baghouse stack shall not exceed 2.2 lbs/hour.

Applicable Compliance Method:
The hourly PE emission rate may be determined by calculation at an air flow rate of 12,700 actual cubic foot per minute (acfm) multiplied by an outlet loading of 0.02 grains/dry standard cubic foot (dscf) multiplied by 1 lb/7,000 grains multiplied by 60 minutes/1hour equals 2.2 lbs/hour.

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

b. Emission Limitation:
PE shall not exceed 9.6 tons per year.

Applicable Compliance Method:
The annual limitation was established by multiplying the hourly emission limitation by the maximum possible annual operating hours (8,760 hrs/yr) and dividing by 2000 lbs/ton. Therefore, compliance with the annual emission limitation shall be assumed provided compliance is maintained with the hourly emission limitation.

c. Emission Limitation:
Visible PE from the baghouse stack shall not exceed 20% opacity, as a 6-minute average, except as provided by rule.

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

[Authority for term: OAC rule 3745-77-07(C)(1), rule 31-05(A)(3), rule 17-07(A)(1), and rule 17-11(B)(1)]

g) Miscellaneous Requirements

(1) None.

4. Emissions Unit Group -Amtekco Adhesive Stations: K012,K013,K014,K015,K016,K017,K018,K019,K020,K021,K022,K023,K024,K025,K026,K027,K028, K029,K030,

EU ID	Operations, Property and/or Equipment Description
K012	AMT air spray gun for wood furniture adhesive application, station #1 - formerly R001
K013	AMT air spray gun for wood furniture adhesive application, station #2
K014	AMT air spray gun for wood furniture adhesive application, station #3
K015	AMT air spray gun for wood furniture adhesive application, station #4
K016	AMT air spray gun for wood furniture adhesive application, station #5
K017	AMT air spray gun for wood furniture adhesive application, station #6
K018	AMT air spray gun for wood furniture adhesive application, station #7
K019	AMT air spray gun for wood furniture adhesive application, station #8
K020	AMT air spray gun for wood furniture adhesive application, station #9
K021	AMT air spray gun for wood furniture adhesive application, station #10
K022	AMT air spray gun for wood furniture adhesive application, station #11
K023	AMT air spray gun for wood furniture adhesive application, station #12
K024	AMT air spray gun for wood furniture adhesive application, station #13
K025	AMT air spray gun for wood furniture adhesive application, station #14
K026	AMT air spray gun for wood furniture adhesive application, station #15
K027	AMT air spray gun for wood furniture adhesive application, station #16
K028	AMT air spray gun for wood furniture adhesive application, station #17
K029	AMT air spray gun for wood furniture adhesive application, station #18
K030	AMT air spray gun for wood furniture adhesive application, station #19

a) The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only:

(1) None.

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(D) (Synthetic Minor to Avoid Non-attainment New Source Review)	Volatile organic compound (VOC) emissions shall not exceed 2.10 tons per rolling, 12-month period. See b)(2)a.
b.	40 CFR Part 63, Subpart JJ (40 CFR 63.800-808)	<u>See Table 3 of 40CFR 63, Subpart JJ:</u>1.0 lb volatile hazardous air pollutant (VHAP) per lb solids, as applied, for stains,

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		washcoats, sealers, topcoats, basecoats, and enamels demonstrated in accordance with 63.804(a). 10% VHAP, by weight, for each thinner See c)(1), c)(2), d)(3), e)(3), and f)(2)
c.	40 CFR Part 63, Subpart A	See b)(2)f.
d.	OAC rule 3745-31-05(A)(3) (P0116526)	Emissions of particulate matter less than 10 microns in aerodynamic diameter (PM_{10}) shall not exceed 0.15 ton per rolling, 12-month period. Emissions of particulate matter less than 2.5 microns in aerodynamic diameter ($PM_{2.5}$) shall not exceed 0.15 ton per rolling, 12-month period. The VOC emissions limitation established by this rule is equivalent to the VOC emissions limitation established pursuant to OAC rule 3745-31-05(D). See b)(2)b. and b)(2)e.
e.	OAC rule 3745-31-05(A)(3), as effective 12/01/2006	See b)(2)c.
f.	OAC rule 3745-17-11(C)	This emissions unit is exempt from the requirements of OAC rule 3745-17-11(C) pursuant to OAC rule 3745-17-11(A)(1)(i). See b)(2)d.

(2) Additional Terms and Conditions

a. This emissions unit has been in operation for more than 12 months and, as such, the permittee has existing records to generate the rolling, 12-month summation of the coating and cleanup usage, upon issuance of this permit. The maximum coating and cleanup usage for this emissions unit shall not exceed:

i. 673 gallons of coating per rolling, 12-month period; and

ii. 82 gallons of cleanup material per rolling, 12-month period.

b. The permittee has satisfied the Best Available Technology (BAT) requirements pursuant to Ohio Administrative Code (OAC) paragraph 3745-31-05(A)(3), as effective November 30, 2001, in this permit. On December 1, 2006, paragraph

(A)(3) of OAC rule 3745-31-05 was revised to conform to the Ohio Revised Code (ORC) changes effective August 3, 2006 (Senate Bill 265 changes), such that BAT is no longer required by State regulations for National Ambient Air Quality Standards (NAAQS) pollutant(s) less than ten tons per year. However, that rule revision has not yet been approved by U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Therefore, until the SIP revision occurs and the U.S. EPA approves the revisions to OAC rule 3745-31-05, the requirement to satisfy BAT still exists as part of the federally-approved SIP for Ohio. Once U.S. EPA approves the December 1, 2006 version of OAC rule 3745-31-05, then these emission limitations/control measures no longer apply.

c. The following rule paragraphs apply once U.S. EPA approves the December 1, 2006 version of OAC rule 3745-31-05 as part of the State Implementation Plan.

i. The Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) do not apply to the PM_{10} and $PM_{2.5}$ emissions from this air contaminant source since the calculated annual emission rate for each pollutant is less than 10 tons/year, taking into account the federally enforceable rule under OAC rule 3745-17-11(C); and

ii. The Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) do not apply to the VOC emissions from this air contaminant source since the calculated annual emission rate for VOC is less than 10 tons/year, taking into account the federally enforceable limitations established under OAC rule 3745-31-05(D);

d. The maximum daily coating usage for this emissions unit shall not exceed 5 gallons.

e. The PM_{10} and $PM_{2.5}$ emissions limitations were established to reflect the potential to emit for this emissions unit taking into consideration the use of the dry filtration system. The monitoring, recordkeeping, and reporting requirements associated with the dry filtration system are sufficient to ensure compliance with these limitations.

f. Table 1 to Subpart JJ of 40 CFR Part 63,*Applicability of General Provisions to Subpart JJ*identifies which parts of the General Provisions in 40 CFR 63.1-16 apply.

c) Operational Restrictions

(1) The permittee shall comply with the applicable operational restrictions necessary to demonstrate compliance with 40 CFR Part 63, Subpart JJ.

Applicable Rule	Requirement
63.802(a)	Emissions limitations for existing affected sources
63.802(c)	Operational and maintenance (general)

[Authority for term: OAC rule 3745-77-07(A)(1) and 40 CFR Part 63, Subpart JJ]

(2) The permittee shall comply with the applicable work practices standards required under 40 CFR Part 63, Subpart JJ, including the following sections:

Applicable Rule	Requirement
63.803(a)	Work implementation plan
63.803(b)	Operator training course*
63.803(c)	Inspection and maintenance plan
63.803(d)	Cleaning and wash-off solvent accounting system
63.803(e)	Chemical composition of cleaning and wash-off solvents
63.803(f)	Spray booth cleaning
63.803(g)	Storage requirements
63.803(h)	Application equipment requirements
63.803(i)	Line cleaning
63.803(j)	Gun cleaning
63.803(k)	Wash-off operations
63.803(l)	Formulation assessment plan for finishing operations

* The permittee shall ensure that all personnel /positions associated with the coating operations utilizing HAP-containing materials receive training in the applicable 'work practice' standards required under 40 CFR 63 Subpart JJ (MACT Standards for Wood Furniture Manufacturing).

[Authority for term: OAC rule 3745-77-07(A)(1) and 40 CFR Part 63, Subpart JJ]

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall maintain daily records of the coating usage, in gallons, for this emissions unit.

[Authority for term: OAC rule 3745-77-07(C)(1), and rule 17-11(A)(1)(i)]

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

a. the name and identification number of each coating employed;

b. the name and identification number of each cleanup material employed;

c. the VOC content of each coating employed, in pounds per gallon;

d. the VOC content of each cleanup material employed, in pounds per gallon;

e. the number of gallons of each coating employed;

f. the number of gallons of each cleanup material employed;

g. the rolling, 12-month total of all coatings employed, in gallons;

h. the rolling, 12-month total of all cleanup materials employed, in gallons;

i. the total monthly VOC emissions from coatings employed [e.g., the sum of (2)e. multiplied by (2)c. for all coatings];

j. the total monthly VOC emissions from cleanup materials employed [e.g., the sum of (2)f. multiplied by (2)d. for all cleanup materials];

k. the combined monthly VOC emissions from coating and cleanup operations, in tons [e.g., the sum of (2)i. and (2)j]; and

l. the combined, rolling, 12-month VOC emissions from coating and cleanup operations [e.g., the result of (2)k. added to the previous 11 months].

[Authority for term: OAC rule 3745-77-07(C)(1) and rule 31-05(D)]

(3) The permittee shall comply with the applicable monitoring and/or recordkeeping requirements necessary to demonstrate compliance with 40 CFR Part 63, Subpart JJ.

Applicable Rule	Requirement
63.806(a)	Recordkeeping requirements of 63.10 of Subpart A according to the applicability criteria in 63.800(d).
63.806(b)	Recordkeeping requirements for sources subject to emission limitations in 63.802.
63.806(e)	Recordkeeping requirements for the work practice standards in 63.803.
63.806(h)	Recordkeeping requirements for the compliance certifications submitted in accordance with 63.807(c) for sources subject to the emission limitations in 63.802 and following the compliance provisions of 63.804(f)(1), (2), (3), (5), (7) and (8) and 63.804(g)(1), (2), (3), (5), (7) and (8).

Applicable Rule	Requirement
63.806(i)	Recordkeeping requirements of all other information submitted with the compliance status report required by 63.9(h) and 63.807(b).
63.806(j)	Recordkeeping requirements in accordance with 63.10(b)(1).

[Authority for term: OAC rule 3745-77-07(C)(1) and 40 CFR Part 63, Subpart JJ]

e) Reporting Requirements

(1) Unless other arrangements have been approved by the Director, all notifications and reports shall be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal.

[Authority for term: OAC rule 3745-77-07(A)(3)(c) and rule 15-03(A)]

(2) The permittee shall submit quarterly deviation (excursion) reports that identify the following:

a. any exceedance of the daily coating usage limitation;

b. any exceedance of the rolling, 12-month summation of coating;

c. any exceedance of the rolling, 12-month summation of cleanup material; and

d. anyexceedance of the rolling, 12-month VOC emissions limitation.

The quarterly deviation (excursion) reports shall be submitted in accordance with the reporting requirements of the Standard Terms and Conditions of this permit.

[Authority for term: OAC rule 3745-77-07(A)(3)(c), rule 15-03(B)(1)(a), and rule 15-03(C)]

(3) The permittee shall submit semiannual reports and other such notifications and reports to the appropriate Ohio EPA District Office or local air agency as required pursuant to 40 CFR, Part 63, Subpart JJ, including the following sections:

Applicable Rule	Requirement
63.807(a)	Reporting requirements of 63.7 through 63.10 of Subpart A according to the applicability criteria in 63.800(d).
63.807(b)	Reporting requirements for sources demonstrating compliance in

Applicable Rule	Requirement
	accordance with 63.804(f)(1), (2), (3), (5), (7) and (8).
63.807(c)	Reporting requirements for sources demonstrating compliance in accordance with 63.804(g)(1), (2), (3), (5), (7) and (8).
63.807(e)	Reporting requirements for sources required to provide a written notification under 63.803(l)(4).

[Authority for term: OAC rule 3745-77-07(C)(1) and 40 CFR Part 63, Subpart JJ]

f) Testing Requirements

(1) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:

a. Emission Limitation:

VOC emissions shall not exceed 2.10 tons per rolling, 12-month period.

Applicable Compliance Method:

Compliance shall be demonstrated in accordance with the recordkeeping requirements established in d)(2).

b. Emissions Limitations:

PM_{10} emissions shall not exceed 0.15 tons per rolling, 12-month period (as applicable prior to U.S. EPA approving the December 1, 2006, version of OAC rule 3745-31-05 as part of the SIP).

$PM_{2.5}$ emissions shall not exceed 0.15 tons per rolling, 12-month period (as applicable prior to U.S. EPA approving the December 1, 2006, version of OAC rule 3745-31-05 as part of the SIP).

Applicable Compliance Method:

The rolling, 12-month PM_{10} and $PM_{2.5}$ emissions limitations were established by multiplying the coating density and the solids weight percent of the coating by the maximum coating usage per year. The resulting emission limitation was then multiplied by one minus a transfer efficiency of 65% and a conversion factor of 1 ton/2000 lbs.

c. Emissions Limitation:

Use no more than 5 gallons of coating material per day.

Applicable Compliance Method:

Compliance shall demonstrated in accordance with the recordkeeping requirements established in d)(1).

[Authority for term: OAC rule 3745-77-07(C)(1), rule 31-05(D), rule 31-05(A)(3), and rule 17-11(A)(1)(i)]

(2) The permittee shall comply with the applicable testing requirements necessary to demonstrate compliance with 40 CFR Part 63, Subpart JJ.

Applicable Rule	Requirement
63.804(a)	An affected source subject to 63.802(a)(1) shall comply with those provisions by using any of the methods presented in 63.804(a)(1) through (a)(4).
63.804(f)	Initial compliance.
63.804(g)	Continuous compliance demonstrations.
63.805(a)	U.S. EPA Method 311 of Appendix A of 40 CFR, Part 63 shall be used in conjunction with the formulation data to determine the VHAP (or formaldehyde specifically) content of the liquid coating.

[Authority for term: OAC rule 3745-77-07(C)(1) and 40 CFR Part 63, Subpart JJ]

g) Miscellaneous Requirements

(1) None.

5. Emissions Unit Group -NWS Adhesive Stations: K004,K005,K006,K007,K008,K009,K010,

EU ID	Operations, Property and/or Equipment Description
K004	NWS air spray gun for wood furniture adhesive application, station #1
K005	NWS air spray gun for wood furniture adhesive application, station #2
K006	NWS air spray gun for wood furniture adhesive application, station #3
K007	NWS air spray gun for wood furniture adhesive application, station #4
K008	NWS air spray gun for wood furniture adhesive application, station #5
K009	NWS air spray gun for wood furniture adhesive application, station #6
K010	NWS air spray gun for wood furniture adhesive application, station #7

a) The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only:

(1) None.

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(D) (Synthetic Minor to Avoid Non-attainment New Source Review)	Volatile organic compound (VOC) emissions shall not exceed 2.26 tons per rolling, 12-month period. See b)(2)a.
b.	40 CFR Part 63, Subpart JJ (40 CFR 63.800-808)	<u>See Table 3 of 40CFR 63, Subpart JJ:</u>1.0 lb volatile hazardous air pollutant (VHAP) per lb solids, as applied, for stains, washcoats, sealers, topcoats, basecoats, and enamels demonstrated in accordance with 63.804(a). 10% VHAP, by weight, for each thinner See c)(1), c)(2), d)(3), e)(3), and f)(2)
c.	40 CFR Part 63, Subpart A	See b)(2)d.
d.	OAC rule 3745-31-05(A)(3) (P0116526)	The VOC content for each coating shall not exceed 5.01 lbs VOC per gallon. The VOC content for each cleanup material shall not exceed 6.12 lbs VOC per gallon.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		Particulate emissions (PE) shall not exceed 0.11 pound per hour (lb/hr) and 0.16 ton per year (TPY). See b)(2)c.
e.	OAC rule 3745-17-11(C)	This emissions unit is exempt from the requirements of OAC rule 3745-17-11(C) pursuant to OAC rule 3745-17-11(A)(1)(i). See b)(2)b.

(2) Additional Terms and Conditions

a. This emissions unit has been in operation for more than 12 months and, as such, the permittee has existing records to generate the rolling, 12-month summation of the coating and cleanup usage, upon issuance of this permit. The maximum coating and cleanup usage for this emissions unit shall not exceed:

i. 785 gallonsof coating per rolling, 12-month period; and

ii. 96 gallons of cleanup material per rolling, 12-month period.

b. The maximum daily coating usage for this emissions unit shall not exceed 5 gallons.

c. The hourly and annual PE limitations were established to reflect the potential to emit for this emissions unit taking into consideration the use of the dry filtration system. The monitoring, recordkeeping, and reporting requirements associated with the dry filtration system are sufficient to ensure compliance with these limitations.

d. Table 1 to Subpart JJ of 40 CFR Part 63,*Applicability of General Provisions to Subpart JJ*identifies which parts of the General Provisions in 40 CFR 63.1-16 apply.

c) Operational Restrictions

(1) The permittee shall comply with the applicable operational restrictions necessary to demonstrate compliance with 40 CFR Part 63, Subpart JJ.

Applicable Rule	Requirement
63.802(a)	Emissions limitations for existing affected sources
63.802(c)	Operational and maintenance (general)

[Authority for term: OAC rule 3745-77-07(A)(1) and 40 CFR Part 63, Subpart JJ]

(2) The permittee shall comply with the applicable work practice standards required under 40 CFR, Part 63, Subpart JJ, including the following sections:

Applicable Rule	Requirement
63.803(a)	Work implementation plan
63.803(b)	Operator training course*
63.803(c)	Inspection and maintenance plan
63.803(d)	Cleaning and wash-off solvent accounting system
63.803(e)	Chemical composition of cleaning and wash-off solvents
63.803(f)	Spray booth cleaning
63.803(g)	Storage requirements
63.803(h)	Application equipment requirements
63.803(i)	Line cleaning
63.803(j)	Gun cleaning
63.803(k)	Wash-off operations
63.803(l)	Formulation assessment plan for finishing operations

* The permittee shall ensure that all personnel /positions associated with the coating operations utilizing HAP-containing materials receive training in the applicable 'work practice' standards required under 40 CFR 63 Subpart JJ (MACT Standards for Wood Furniture Manufacturing).

[Authority for term: OAC rule 3745-77-07(A)(1) and 40 CFR Part 63, Subpart JJ]

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall maintain daily records of the coating usage, in gallons, for this emissions unit.

[Authority for term: OAC rule 3745-77-07(C)(1), and rule 17-11(A)(1)(i)]

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

a. the name and identification number of each coating employed;

b. the name and identification number of each cleanup material employed;

c. the VOC content of each coating employed, in pounds per gallon;

d. the VOC content of each cleanup material employed, in pounds per gallon;

e. the number of gallons of each coating employed;

f. the number of gallons of each cleanup material employed;

g. the rolling, 12-month total of all coatings employed, in gallons;

h. the rolling, 12-month total of all cleanup materials employed, in gallons;

i. the total monthly VOC emissions from coatings employed [e.g., the sum of (2)e. multiplied by (2)c. for all coatings];

j. the total monthly VOC emissions from cleanup materials employed [e.g., the sum of (2)f. multiplied by (2)d. for all cleanup materials];

k. the combined monthly VOC emissions from coating and cleanup operations, in tons [e.g., the sum of (2)i. and (2)j]; and

l. the combined, rolling, 12-month VOC emissions from coating and cleanup operations [e.g., the result of (2)k. added to the previous 11 months].

[Authority for term: OAC rule 3745-77-07(C)(1) and rule 31-05(D)]

(3) The permittee shall comply with the applicable monitoring and/or recordkeeping requirements necessary to demonstrate compliance with 40 CFR Part 63, Subpart JJ.

Applicable Rule	Requirement
63.806(a)	Recordkeeping requirements of 63.10 of Subpart A according to the applicability criteria in 63.800(d).
63.806(b)	Recordkeeping requirements for sources subject to emission limitations in 63.802.
63.806(e)	Recordkeeping requirements for the work practice standards in 63.803.
63.806(h)	Recordkeeping requirements for the compliance certifications submitted in accordance with 63.807(c) for sources subject to the emission limitations in 63.802 and following the compliance provisions of 63.804(f)(1), (2), (3), (5), (7)

Applicable Rule	Requirement
	and (8) and 63.804(g)(1), (2), (3), (5), (7) and (8).
63.806(i)	Recordkeeping requirements of all other information submitted with the compliance status report required by 63.9(h) and 63.807(b).
63.806(j)	Recordkeeping requirements in accordance with 63.10(b)(1).

[Authority for term: OAC rule 3745-77-07(C)(1) and 40 CFR Part 63, Subpart JJ]

e) Reporting Requirements

(1) Unless other arrangements have been approved by the Director, all notifications and reports shall be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal.

[Authority for term: OAC rule 3745-77-07(A)(3)(c) and rule 15-03(A)]

(2) The permittee shall submit quarterly deviation (excursion) reports that identify the following:

a. any exceedance of the daily coating usage limitation;

b. any exceedance of the rolling, 12-month summation of coating;

c. any exceedance of the coating VOC content restriction;

d. any exceedance of the rolling, 12-month summation of cleanup material;

e. any exceedance of the cleanup material VOC content restriction; and

f. anyexceedance of the rolling, 12-month VOC emissions limitation.

The quarterly deviation (excursion) reports shall be submitted in accordance with the reporting requirements of the Standard Terms and Conditions of this permit.

[Authority for term: OAC rule 3745-77-07(A)(3)(c), rule 15-03(B)(1)(a), and rule 15-03(C)]

(3) The permittee shall submit semiannual reports and other such notifications and reports to the appropriate Ohio EPA District Office or local air agency as required pursuant to 40 CFR, Part 63, Subpart JJ, including the following sections:

Applicable Rule	Requirement
63.807(a)	Reporting requirements of 63.7 through 63.10 of Subpart A according to the applicability criteria in 63.800(d).
63.807(b)	Reporting requirements for sources demonstrating compliance in accordance with 63.804(f)(1), (2), (3), (5), (7) and (8).
63.807(c)	Reporting requirements for sources demonstrating compliance in accordance with 63.804(g)(1), (2), (3), (5), (7) and (8).
63.807(e)	Reporting requirements for sources required to provide a written notification under 63.803(l)(4).

[Authority for term: OAC rule 3745-77-07(C)(1) and 40 CFR Part 63, Subpart JJ]

f) Testing Requirements

(1) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:

a. Emissions Limitation:

VOC emissions shall not exceed 2.26 tons per rolling, 12-month period.

Applicable Compliance Method:

Compliance shall be demonstrated in accordance with the recordkeeping requirements established in d)(2).

b. Emissions Limitation:

PE shall not exceed 0.11lb/hr.

Applicable Compliance Method:

The hourly PE limitation was established by multiplying the maximum coating usage per hour by the solids weight percent of the coating. The resulting emission limitation was then multiplied by one minus a transfer efficiency of 65%.

c. Emissions Limitation:

PE shall not exceed 0.16 ton TPY.

Applicable Compliance Method:

The annual PE limitation was established by multiplying the maximum coating usage per year by the solids weight percent of the coating. The resulting emission limitation was then multiplied by one minus a transfer efficiency of 65% and a conversion factor of 1 ton/2000 lbs.

d. Emissions Limitation:

Use no more than 5 gallons of coating material per day.

Applicable Compliance Method:

Compliance shall demonstrated in accordance with the recordkeeping requirements established in d)(1).

[Authority for term: OAC rule 3745-77-07(C)(1), rule 31-05(D), rule 31-05(A)(3), and rule 17-11(A)(1)(i)]

(2) The permittee shall comply with the applicable testing requirements necessary to demonstrate compliance with 40 CFR Part 63, Subpart JJ.

Applicable Rule	Requirement
63.804(a)	An affected source subject to 63.802(a)(1) shall comply with those provisions by using any of the methods presented in 63.804(a)(1) through (a)(4)
63.804(f)	Initial compliance
63.804(g)	Continuous compliance demonstrations
63.805(a)	U.S. EPA Method 311 of Appendix A of 40 CFR, Part 63 shall be used in conjunction with the formulation data to determine the VHAP (or formaldehyde specifically) content of the liquid coating

[Authority for term: OAC rule 3745-77-07(C)(1) and 40 CFR Part 63, Subpart JJ]

g) Miscellaneous Requirements

(1) None.