



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

Mitchell E. Daniels Jr.
Governor

Thomas W. Easterly
Commissioner

100 North Senate Avenue
Indianapolis, Indiana 46204
(317) 232-8603
Toll Free (800) 451-6027
www.idem.IN.gov

TO: Interested Parties / Applicant

DATE: April 16, 2012

RE: Patrick Industries, Inc./039-30904-00599

FROM: Matthew Stuckey, Branch Chief
Permits Branch
Office of Air Quality

Notice of Decision: Approval - Effective Immediately

Please be advised that on behalf of the Commissioner of the Department of Environmental Management, I have issued a decision regarding the enclosed matter. Pursuant to IC 13-15-5-3, this permit is effective immediately, unless a petition for stay of effectiveness is filed and granted according to IC 13-15-6-3, and may be revoked or modified in accordance with the provisions of IC 13-15-7-1.

If you wish to challenge this decision, IC 4-21.5-3 and IC 13-15-6-1 require that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office of Environmental Adjudication, 100 North Senate Avenue, Government Center North, Suite N 501E, Indianapolis, IN 46204, **within eighteen (18) calendar days of the mailing of this notice**. The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing:

- (1) the date the document is delivered to the Office of Environmental Adjudication (OEA);
- (2) the date of the postmark on the envelope containing the document, if the document is mailed to OEA by U.S. mail; or
- (3) The date on which the document is deposited with a private carrier, as shown by receipt issued by the carrier, if the document is sent to the OEA by private carrier.

The petition must include facts demonstrating that you are either the applicant, a person aggrieved or adversely affected by the decision or otherwise entitled to review by law. Please identify the permit, decision, or other order for which you seek review by permit number, name of the applicant, location, date of this notice and all of the following:

- (1) the name and address of the person making the request;
- (2) the interest of the person making the request;
- (3) identification of any persons represented by the person making the request;
- (4) the reasons, with particularity, for the request;
- (5) the issues, with particularity, proposed for considerations at any hearing; and
- (6) identification of the terms and conditions which, in the judgment of the person making the request, would be appropriate in the case in question to satisfy the requirements of the law governing documents of the type issued by the Commissioner.

If you have technical questions regarding the enclosed documents, please contact the Office of Air Quality, Permits Branch at (317) 233-0178. Callers from within Indiana may call toll-free at 1-800-451-6027, ext. 3-0178.

Enclosures
FNPER.dot12/03/07



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Mr. Doyle Stump
Patrick Industries, Inc.
107 W Franklin St
Elkhart, IN 46515

April 16, 2012

Re: 039-30904-00599
First Significant Revision to
M039-27104-00599

Dear Mr. Doyle Stump:

Patrick Industries, Inc. was issued a Minor Source Operating Permit (MSOP) No. M039-27104-00599 on March 12, 2009 for a stationary woodworking and laminating plant located at 28163 CR 20 W, Elkhart, IN. On September 12, 2011, the Office of Air Quality (OAQ) received an application from the source requesting to add new equipment from Praxis Group, LLC to the Patrick Industries, Inc. permit. The attached Technical Support Document (TSD) provides additional explanation of the changes to the source/permit. Pursuant to the provisions of 326 IAC 2-6.1-6, these changes to the permit are required to be reviewed in accordance with the Significant Permit Revision (SPR) procedures of 326 IAC 2-6.1-6(i). Pursuant to the provisions of 326 IAC 2-6.1-6, a significant permit revision to this permit is hereby approved as described in the attached Technical Support Document (TSD).

The following construction conditions are applicable to the proposed project:

- General Construction Conditions
The data and information supplied with the application shall be considered part of this source modification approval. Prior to any proposed change in construction which may affect the potential to emit (PTE) of the proposed project, the change must be approved by the Office of Air Quality (OAQ).
- This approval to construct does not relieve the permittee of the responsibility to comply with the provisions of the Indiana Environmental Management Law (IC 13-11 through 13-20; 13-22 through 13-25; and 13-30), the Air Pollution Control Law (IC 13-17) and the rules promulgated thereunder, as well as other applicable local, state, and federal requirements.
- Effective Date of the Permit
Pursuant to IC 13-15-5-3, this approval becomes effective upon its issuance.
- Pursuant to 326 IAC 2-1.1-9 (Revocation), the Commissioner may revoke this approval if construction is not commenced within eighteen (18) months after receipt of this approval or if construction is suspended for a continuous period of one (1) year or more.
- All requirements and conditions of this construction approval shall remain in effect unless modified in a manner consistent with procedures established pursuant to 326 IAC 2.

Pursuant to 326 IAC 2-6.1-6, this permit shall be revised by incorporating the significant permit revision into the permit. All other conditions of the permit shall remain unchanged and in effect. Attached please find the entire revised permit.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Christine L. Filutze, of my staff, at 317-233-8397 or 1-800-451-6027, and ask for extension 3-8397.

Sincerely,



Nathan C. Bell, Section Chief
Permits Branch
Office of Air Quality

Attachments: Technical Support Document and revised permit

NCB/clf

cc: File - Elkhart County
Elkhart County Health Department
U.S. EPA, Region V
Compliance and Enforcement Branch
Billing, Licensing and Training Section



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Minor Source Operating Permit OFFICE OF AIR QUALITY

Patrick Industries, Inc.
28163 County Rd. 20 West and 1515 Leininger
Elkhart, Indiana 46517

(herein known as the Permittee) is hereby authorized to construct and operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

This permit is issued to the above mentioned company under the provisions of 326 IAC 2-1.1, 326 IAC 2-5.1, 326 IAC 2-6.1 and 40 CFR 52.780, with conditions listed on the attached pages.

Indiana statutes from IC 13 and rules from 326 IAC, quoted in conditions in this permit, are those applicable at the time the permit was issued. The issuance or possession of this permit shall not alone constitute a defense against an alleged violation of any law, regulation or standard, except for the requirement to obtain a MSOP under 326 IAC 2-6.1.

Operation Permit No. M039-27104-00599	
Original Issued by: Alfred C. Dumauval, Ph. D., Section Chief Permits Branch Office of Air Quality	Issuance Date: March 12, 2009 Expiration Date: March 12, 2014

First Significant Permit Revision No. 039-30904-00599	
Issued by:  Nathan C. Bell, Section Chief Permits Branch Office of Air Quality	Issuance Date: April 16, 2012 Expiration Date: March 12, 2014

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SECTION A SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ). The information describing the source contained in conditions A.1 and A.2 is descriptive information and does not constitute enforceable conditions. However, the Permittee should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Permittee to obtain additional permits or seek modification of this permit pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

A.1 General Information [326 IAC 2-5.1-3(c)][326 IAC 2-6.1-4(a)]

The Permittee owns and operates a stationary woodworking and laminating plant.

Source Address:	28163 County Rd. 20 West and 1515 Leininger, Elkhart, Indiana 46517
General Source Phone Number:	(574) 389-2902
SIC Code:	2499 (Wood Products, Not Elsewhere Classified)
County Location:	Elkhart
Source Location Status:	Attainment for all criteria pollutants
Source Status:	Minor Source Operating Permit Program Minor Source, under PSD and Emission Offset Rules Minor Source, Section 112 of the Clean Air Act Not 1 of 28 Source Categories

A.2 Source Definition

This source consists of the following plants:

- (a) Plant 1 is located at 28163 CR 20 W, Elkhart, IN, and
- (b) Plant 2 is located at 1515 Leininger, Elkhart, IN.

These plants are located on contiguous or adjacent properties (0.86 miles from each other), they have the same SIC code of (2499) and are under common control. Therefore, they will be considered one (1) source, as defined by 326 IAC 2-7-1(22).

A.3 Emission Units and Pollution Control Equipment Summary

This stationary source consists of the following emission units and pollution control devices:

Plant 1 Location:

- (a) One (1) woodworking operation located at Building 1, constructed in 2004, with a maximum throughput rate of 16,000 pounds of wood panel per hour, controlled by two (2) baghouses (identified as S1 and S2), and exhausting through stacks S1 and S2, respectively.
- (b) One (1) woodworking operation located at Building 2, constructed in 2004, with a maximum throughput rate of 4,500 pounds of wood panel per hour, controlled by one (1) baghouse (identified as S5), and exhausting through stack S5.
- (c) One (1) woodworking operation located at Building 3, constructed in 2004, with a maximum throughput rate of 122,000 pounds of wood panel per hour, controlled by two (2) baghouses (identified as S3 and S4), and exhausting through stacks S3 and S4, respectively.

- (d) One (1) Roll Coat Paint line located at Plant 1, consisting of three (3) roll coaters, identified as RC-01, approved for construction in January 2008, with a maximum capacity of 75 units (boards) per hour per roll coater, and exhausting to stack S6.
- (e) One (1) surface coating booth, identified as B1, constructed in 2007, approved for modification in 2012, with a maximum capacity of 25 tables per hour, using a dry filter for particulate control, and exhausting to stack S7. The booth uses one (1) high volume low pressure (HVLP) spray applicator, and a non-halogenated organic solvent for cleanup activities.
- (f) Two (2) surface coating booths, identified as B3/B4, constructed in 2008, approved for modification in 2012, with a maximum capacity to coat four (4) tables per hour, using a dry filter for particulate control, and exhausting to (combined) stack S8. The booth uses two (2) high volume low pressure (HVLP) spray applicators, and a non-halogenated organic solvent for cleanup activities.
- (g) One (1) surface coating booth, identified as B6, constructed in 2009, approved for modification in 2012, with a maximum capacity to coat five (5) wood counter tops per hour, using a dry filter for particulate control, and exhausting to stack S9. The booth uses (1) high volume low pressure (HVLP) spray applicator, and a non-halogenated organic solvent for cleanup activities.
- (h) Natural gas-fired combustion sources with heat input equal to or less than ten million (10,000,000) Btu per hour, including the following:
 - (1) Eight (8) infrared tube heaters, located at Building 1, each with a maximum heat input capacity of 0.15 MMBtu/hr.
 - (2) Six (6) Vac tube heaters, located at Building 1, each with a maximum heat input capacity of 0.01 MMBtu/hr.
 - (3) Two (2) Bard furnaces, located at Building 1, each with a maximum heat input capacity of 0.12 MMBtu/hr.
 - (4) Eight (8) infrared tube heaters, located at Building 2, each with a maximum heat input capacity of 0.1 MMBtu/hr.
 - (5) Two (2) infrared tube heaters, located at Building 2, each with a maximum heat input capacity of 0.125 MMBtu/hr.
 - (6) Six (6) infrared tube heaters, located at Building 3, each with a maximum heat input capacity of 0.2 MMBtu/hr; and
 - (7) One (1) natural gas-fired curing oven, identified as RC-01, with a maximum heat input capacity of 1.2 MMBtu/hr, and exhausting to stack S6.
 - (8) One (1) natural gas-fired air makeup unit, identified as AM1 Plant 1, constructed in 2011, approved for modification in 2012, rated at 0.3 MMBtu per hour heat input capacity.
- (i) Operations using water based adhesives that are less than or equal to 5% by volume of VOCs excluding HAPs, including the following:
 - (1) One (1) custom laminating process, constructed in 2004, located in Building 2.
 - (2) One (1) standard laminating process, constructed in 2004, located in Building 3.

- (j) One (1) small adhesive coating booth, identified as P3-1, to be installed in 2009, with a maximum capacity of 50 units per hour, using water based adhesive application, equipped with an airless assisted spray gun, using a dry filter to control particulate emissions. The booth exhausts to stack S10.
- (k) One (1) Roll Coat Counter Top Operation, located at Plant 1, identified as CT1, approved for construction in 2009, with a maximum capacity of one (1) unit per hour, and exhausting indoors.

Note: Buildings 1, 2, and 3 represent three (3) different buildings at the Plant 1 location.

Plant 2 Location:

- (l) One (1) surface coating booth, identified as B5, constructed in 2008, with a maximum capacity to coat four sets (one set equals four (4) tables and sixteen (16) chairs) per hour, using a dry filter for particulate control, and exhausting to stack E5. The booth uses one (1) high volume low pressure (HVLV) spray applicator, and a non-halogenated organic solvent for cleanup activities.
- (m) Natural gas-fired combustion sources with heat input equal to or less than ten (1) MMBtu per hour, consisting of the following:
 - (1) Sixteen (16) natural gas-fired forced air space heaters, identified as H1 through H16, each rated at 0.25 MMBtu per hour heat input capacity.
 - (2) Ten (10) natural gas-fired forced air space heaters, identified as H17 through H26, each rated at 0.17 MMBtu per hour heat input capacity.
 - (3) Five (5) natural gas-fired forced air space heaters, identified as H27 through H31, each rated at 0.06 MMBtu per hour heat input capacity.
 - (4) One (1) natural gas-fired air makeup unit, identified as AM1 Plant 2, each rated at 0.213 MMBtu per hour heat input capacity.

SECTION B GENERAL CONDITIONS

B.1 Definitions [326 IAC 2-1.1-1]

Terms in this permit shall have the definition assigned to such terms in the referenced regulation. In the absence of definitions in the referenced regulation, the applicable definitions found in the statutes or regulations (IC 13-11, 326 IAC 1-2 and 326 IAC 2-1.1-1) shall prevail.

B.2 Permit Term [326 IAC 2-6.1-7(a)][326 IAC 2-1.1-9.5][IC 13-15-3-6(a)]

- (a) This permit, M039-27104 00599, is issued for a fixed term of five (5) years from the issuance date of this permit, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3. Subsequent revisions, modifications, or amendments of this permit do not affect the expiration date of this permit.
- (b) If IDEM, OAQ, upon receiving a timely and complete renewal permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect, until the renewal permit has been issued or denied.

B.3 Term of Conditions [326 IAC 2-1.1-9.5]

Notwithstanding the permit term of a permit to construct, a permit to operate, or a permit modification, any condition established in a permit issued pursuant to a permitting program approved in the state implementation plan shall remain in effect until:

- (a) the condition is modified in a subsequent permit action pursuant to Title I of the Clean Air Act; or
- (b) the emission unit to which the condition pertains permanently ceases operation.

B.4 Enforceability

Unless otherwise stated, all terms and conditions in this permit, including any provisions designed to limit the source's potential to emit, are enforceable by IDEM, the United States Environmental Protection Agency (U.S. EPA) and by citizens in accordance with the Clean Air Act.

B.5 Severability

The provisions of this permit are severable; a determination that any portion of this permit is invalid shall not affect the validity of the remainder of the permit.

B.6 Property Rights or Exclusive Privilege

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

B.7 Duty to Provide Information

- (a) The Permittee shall furnish to IDEM, OAQ, within a reasonable time, any information that IDEM, OAQ may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. Upon request, the Permittee shall also furnish to IDEM, OAQ copies of records required to be kept by this permit.
- (b) For information furnished by the Permittee to IDEM, OAQ, the Permittee may include a claim of confidentiality in accordance with 326 IAC 17.1. When furnishing copies of requested records directly to U. S. EPA, the Permittee may assert a claim of confidentiality in accordance with 40 CFR 2, Subpart B.

B.8 Annual Notification [326 IAC 2-6.1-5(a)(5)]

- (a) An annual notification shall be submitted by an authorized individual to the Office of Air Quality stating whether or not the source is in operation and in compliance with the terms

and conditions contained in this permit.

- (b) The annual notice shall be submitted in the format attached no later than March 1 of each year to:

Indiana Department of Environmental Management
Compliance and Enforcement Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

- (c) The notification shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.

B.9 Preventive Maintenance Plan [326 IAC 1-6-3]

- (a) If required by specific condition(s) in Section D of this permit, the Permittee shall prepare and maintain Preventive Maintenance Plans (PMPs) no later than ninety (90) days after issuance of this permit or ninety (90) days after initial start-up, whichever is later, including the following information on each facility:

- (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;
- (2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and
- (3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

If, due to circumstances beyond the Permittee's control, the PMPs cannot be prepared and maintained within the above time frame, the Permittee may extend the date an additional ninety (90) days provided the Permittee notifies:

Indiana Department of Environmental Management
Compliance and Enforcement Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

The Permittee shall implement the PMPs.

- (b) A copy of the PMPs shall be submitted to IDEM, OAQ upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or is the primary contributor to an exceedance of any limitation on emissions.
- (c) To the extent the Permittee is required by 40 CFR Part 60/63 to have an Operation Maintenance, and Monitoring (OMM) Plan for a unit, such Plan is deemed to satisfy the PMP requirements of 326 IAC 1-6-3 for that unit.

B.10 Prior Permits Superseded [326 IAC 2-1.1-9.5]

- (a) All terms and conditions of permits established prior to M039-27104 00599 and issued pursuant to permitting programs approved into the state implementation plan have been

either:

- (1) incorporated as originally stated,
- (2) revised, or
- (3) deleted.

(b) All previous registrations and permits are superseded by this permit.

B.11 Termination of Right to Operate [326 IAC 2-6.1-7(a)]

The Permittee's right to operate this source terminates with the expiration of this permit unless a timely and complete renewal application is submitted at least one hundred twenty (120) days prior to the date of expiration of the source's existing permit, consistent with 326 IAC 2-6.1-7.

B.12 Permit Renewal [326 IAC 2-6.1-7]

- (a) The application for renewal shall be submitted using the application form or forms prescribed by IDEM, OAQ and shall include the information specified in 326 IAC 2-6.1-7. Such information shall be included in the application for each emission unit at this source. The renewal application does require an affirmation that the statements in the application are true and complete by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

Request for renewal shall be submitted to:

Indiana Department of Environmental Management
Permit Administration and Support Section, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

- (b) A timely renewal application is one that is:
- (1) Submitted at least one hundred twenty (120) days prior to the date of the expiration of this permit; and
 - (2) If the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.
- (c) If the Permittee submits a timely and complete application for renewal of this permit, the source's failure to have a permit is not a violation of 326 IAC 2-6.1 until IDEM, OAQ takes final action on the renewal application, except that this protection shall cease to apply if, subsequent to the completeness determination, the Permittee fails to submit by the deadline specified, pursuant to 326 IAC 2-6.1-4(b), in writing by IDEM, OAQ any additional information identified as being needed to process the application.

B.13 Permit Amendment or Revision [326 IAC 2-5.1-3(e)(3)][326 IAC 2-6.1-6]

- (a) Permit amendments and revisions are governed by the requirements of 326 IAC 2-6.1-6 whenever the Permittee seeks to amend or modify this permit.
- (b) Any application requesting an amendment or modification of this permit shall be submitted to:

Indiana Department of Environmental Management
Permit Administration and Support Section, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

- (c) The Permittee shall notify the OAQ no later than thirty (30) calendar days of implementing a notice-only change. [326 IAC 2-6.1-6(d)]

B.14 Source Modification Requirement

A modification, construction, or reconstruction is governed by the requirements of 326 IAC 2.

B.15 Inspection and Entry

[326 IAC 2-5.1-3(e)(4)(B)][326 IAC 2-6.1-5(a)(4)][IC 13-14-2-2][IC 13-17-3-2][IC 13-30-3-1]

Upon presentation of proper identification cards, credentials, and other documents as may be required by law, and subject to the Permittee's right under all applicable laws and regulations to assert that the information collected by the agency is confidential and entitled to be treated as such, the Permittee shall allow IDEM, OAQ, U.S. EPA, or an authorized representative to perform the following:

- (a) Enter upon the Permittee's premises where a permitted source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;
- (b) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
- (c) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, inspect, at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;
- (d) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and
- (e) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements.

B.16 Transfer of Ownership or Operational Control [326 IAC 2-6.1-6]

- (a) The Permittee must comply with the requirements of 326 IAC 2-6.1-6 whenever the Permittee seeks to change the ownership or operational control of the source and no other change in the permit is necessary.
- (b) Any application requesting a change in the ownership or operational control of the source shall contain a written agreement containing a specific date for transfer of permit responsibility, coverage and liability between the current and new Permittee. The application shall be submitted to:

Indiana Department of Environmental Management
Permit Administration and Support Section, Office of Air Quality
100 North Senate Avenue

MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

The application which shall be submitted by the Permittee does require an affirmation that the statements in the application are true and complete by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (c) The Permittee may implement notice-only changes addressed in the request for a notice-only change immediately upon submittal of the request. [326 IAC 2-6.1-6(d)(3)]

B.17 Annual Fee Payment [326 IAC 2-1.1-7]

- (a) The Permittee shall pay annual fees due no later than thirty (30) calendar days of receipt of a bill from IDEM, OAQ.
- (b) The Permittee may call the following telephone numbers: 1-800-451-6027 or 317-233-4230 (ask for OAQ, Billing, Licensing, and Training Section), to determine the appropriate permit fee.

B.18 Credible Evidence [326 IAC 1-1-6]

For the purpose of submitting compliance certifications or establishing whether or not the Permittee has violated or is in violation of any condition of this permit, nothing in this permit shall preclude the use, including the exclusive use, of any credible evidence or information relevant to whether the Permittee would have been in compliance with the condition of this permit if the appropriate performance or compliance test or procedure had been performed.

SECTION C SOURCE OPERATION CONDITIONS

Entire Source

Emission Limitations and Standards [326 IAC 2-6.1-5(a)(1)]

C.1 Particulate Emission Limitations For Processes with Process Weight Rates Less Than One Hundred (100) Pounds per Hour [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2(e)(2), particulate emissions from any process not exempt under 326 IAC 6-3-1(b) or (c) which has a maximum process weight rate less than 100 pounds per hour and the methods in 326 IAC 6-3-2(b) through (d) do not apply shall not exceed 0.551 pounds per hour.

C.2 Permit Revocation [326 IAC 2-1.1-9]

Pursuant to 326 IAC 2-1.1-9 (Revocation of Permits), this permit to operate may be revoked for any of the following causes:

- (a) Violation of any conditions of this permit.
- (b) Failure to disclose all the relevant facts, or misrepresentation in obtaining this permit.
- (c) Changes in regulatory requirements that mandate either a temporary or permanent reduction of discharge of contaminants. However, the amendment of appropriate sections of this permit shall not require revocation of this permit.
- (d) Noncompliance with orders issued pursuant to 326 IAC 1-5 (Episode Alert Levels) to reduce emissions during an air pollution episode.
- (e) For any cause which establishes in the judgment of IDEM, the fact that continuance of this permit is not consistent with purposes of this article.

C.3 Opacity [326 IAC 5-1]

Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-1 (Applicability) and 326 IAC 5-1-3 (Temporary Alternative Opacity Limitations), opacity shall meet the following, unless otherwise stated in this permit:

- (a) Opacity shall not exceed an average of forty percent (40%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.
- (b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.

C.4 Open Burning [326 IAC 4-1] [IC 13-17-9]

The Permittee shall not open burn any material except as provided in 326 IAC 4-1-3, 326 IAC 4-1-4 or 326 IAC 4-1-6. The previous sentence notwithstanding, the Permittee may open burn in accordance with an open burning approval issued by the Commissioner under 326 IAC 4-1-4.1.

C.5 Incineration [326 IAC 4-2] [326 IAC 9-1-2]

The Permittee shall not operate an incinerator except as provided in 326 IAC 4-2 or in this permit. The Permittee shall not operate a refuse incinerator or refuse burning equipment except as provided in 326 IAC 9-1-2 or in this permit.

C.6 Fugitive Dust Emissions [326 IAC 6-4]

The Permittee shall not allow fugitive dust to escape beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located, in a manner that would violate 326 IAC 6-4 (Fugitive Dust Emissions).

C.7 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61, Subpart M]

- (a) Notification requirements apply to each owner or operator. If the combined amount of regulated asbestos containing material (RACM) to be stripped, removed or disturbed is at least 260 linear feet on pipes or 160 square feet on other facility components, or at least thirty-five (35) cubic feet on all facility components, then the notification requirements of 326 IAC 14-10-3 are mandatory. All demolition projects require notification whether or not asbestos is present.
- (b) The Permittee shall ensure that a written notification is sent on a form provided by the Commissioner at least ten (10) working days before asbestos stripping or removal work or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:
- (1) When the amount of affected asbestos containing material increases or decreases by at least twenty percent (20%); or
- (2) If there is a change in the following:
- (A) Asbestos removal or demolition start date;
- (B) Removal or demolition contractor; or
- (C) Waste disposal site.
- (c) The Permittee shall ensure that the notice is postmarked or delivered according to the guidelines set forth in 326 IAC 14-10-3(2).
- (d) The notice to be submitted shall include the information enumerated in 326 IAC 14-10-3(3).

All required notifications shall be submitted to:

Indiana Department of Environmental Management
Compliance and Enforcement Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

The notice shall include a signed certification from the owner or operator that the information provided in this notification is correct and that only Indiana licensed workers and project supervisors will be used to implement the asbestos removal project.

- (e) Procedures for Asbestos Emission Control
The Permittee shall comply with the applicable emission control procedures in 326 IAC 14-10-4 and 40 CFR 61.145(c). Per 326 IAC 14-10-1, emission control requirements are applicable for any removal or disturbance of RACM greater than three (3) linear feet on pipes or three (3) square feet on any other facility components or a total of at least 0.75 cubic feet on all facility components.

- (f) Demolition and Renovation
The Permittee shall thoroughly inspect the affected facility or part of the facility where the demolition or renovation will occur for the presence of asbestos pursuant to 40 CFR 61.145(a).
- (g) Indiana Licensed Asbestos Inspector
The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Licensed Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos. The requirement to use an Indiana Licensed Asbestos inspector is not federally enforceable.

Testing Requirements [326 IAC 2-6.1-5(a)(2)]

C.8 Performance Testing [326 IAC 3-6]

- (a) For performance testing required by this permit, a test protocol, except as provided elsewhere in this permit, shall be submitted to:

Indiana Department of Environmental Management
Compliance and Enforcement Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

no later than thirty-five (35) days prior to the intended test date.
- (b) The Permittee shall notify IDEM, OAQ of the actual test date at least fourteen (14) days prior to the actual test date.
- (c) Pursuant to 326 IAC 3-6-4(b), all test reports must be received by IDEM, OAQ not later than forty-five (45) days after the completion of the testing. An extension may be granted by IDEM, OAQ if the Permittee submits to IDEM, OAQ a reasonable written explanation not later than five (5) days prior to the end of the initial forty-five (45) day period.

Compliance Requirements [326 IAC 2-1.1-11]

C.9 Compliance Requirements [326 IAC 2-1.1-11]

The commissioner may require stack testing, monitoring, or reporting at any time to assure compliance with all applicable requirements by issuing an order under 326 IAC 2-1.1-11. Any monitoring or testing shall be performed in accordance with 326 IAC 3 or other methods approved by the commissioner or the U. S. EPA.

Compliance Monitoring Requirements [326 IAC 2-6.1-5(a)(2)]

C.10 Compliance Monitoring [326 IAC 2-1.1-11]

Compliance with applicable requirements shall be documented as required by this permit. The Permittee shall be responsible for installing any necessary equipment and initiating any required monitoring related to that equipment. All monitoring and record keeping requirements not already legally required shall be implemented when operation begins.

C.11 Instrument Specifications [326 IAC 2-1.1-11]

- (a) When required by any condition of this permit, an analog instrument used to measure a parameter related to the operation of an air pollution control device shall have a scale such that the expected maximum reading for the normal range shall be no less than twenty percent (20%) of full scale.

- (b) The Permittee may request that the IDEM, OAQ approve the use of an instrument that does not meet the above specifications provided the Permittee can demonstrate that an alternative instrument specification will adequately ensure compliance with permit conditions requiring the measurement of the parameters.

Corrective Actions and Response Steps

C.12 Response to Excursions or Exceedances

Upon detecting an excursion where a response step is required by the D Section or an exceedance of a limitation in this permit:

- (a) The Permittee shall take reasonable response steps to restore operation of the emissions unit (including any control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable in accordance with good air pollution control practices for minimizing excess emissions.
- (b) The response shall include minimizing the period of any startup, shutdown or malfunction. The response may include, but is not limited to, the following:
 - (1) initial inspection and evaluation;
 - (2) recording that operations returned or are returning to normal without operator action (such as through response by a computerized distribution control system); or
 - (3) any necessary follow-up actions to return operation to normal or usual manner of operation.
- (c) A determination of whether the Permittee has used acceptable procedures in response to an excursion or exceedance will be based on information available, which may include, but is not limited to, the following:
 - (1) monitoring results;
 - (2) review of operation and maintenance procedures and records; and/or
 - (3) inspection of the control device, associated capture system, and the process.
- (d) Failure to take reasonable response steps shall be considered a deviation from the permit.
- (e) The Permittee shall record the reasonable response steps taken.

C.13 Actions Related to Noncompliance Demonstrated by a Stack Test

- (a) When the results of a stack test performed in conformance with Section C - Performance Testing, of this permit exceed the level specified in any condition of this permit, the Permittee shall submit a description of its response actions to IDEM, OAQ, no later than seventy-five (75) days after the date of the test.
- (b) A retest to demonstrate compliance shall be performed no later than one hundred eighty (180) days after the date of the test. Should the Permittee demonstrate to IDEM, OAQ that retesting in one hundred eighty (180) days is not practicable, IDEM, OAQ may extend the retesting deadline

- (c) IDEM, OAQ reserves the authority to take any actions allowed under law in response to noncompliant stack tests.

Record Keeping and Reporting Requirements [326 IAC 2-6.1-5(a)(2)]

C.14 Malfunctions Report [326 IAC 1-6-2]

Pursuant to 326 IAC 1-6-2 (Records; Notice of Malfunction):

- (a) A record of all malfunctions, including startups or shutdowns of any facility or emission control equipment, which result in violations of applicable air pollution control regulations or applicable emission limitations shall be kept and retained for a period of three (3) years and shall be made available to the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ) or appointed representative upon request.
- (b) When a malfunction of any facility or emission control equipment occurs which lasts more than one (1) hour, said condition shall be reported to OAQ, using the Malfunction Report Forms (2 pages). Notification shall be made by telephone or facsimile, as soon as practicable, but in no event later than four (4) daytime business hours after the beginning of said occurrence.
- (c) Failure to report a malfunction of any emission control equipment shall constitute a violation of 326 IAC 1-6, and any other applicable rules. Information of the scope and expected duration of the malfunction shall be provided, including the items specified in 326 IAC 1-6-2(a)(1) through (6).
- (d) Malfunction is defined as any sudden, unavoidable failure of any air pollution control equipment, process, or combustion or process equipment to operate in a normal and usual manner. [326 IAC 1-2-39]

C.15 General Record Keeping Requirements [326 IAC 2-6.1-5]

- (a) Records of all required monitoring data, reports and support information required by this permit shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. These records shall be physically present or electronically accessible at the source location for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.
- (b) Unless otherwise specified in this permit, for all record keeping requirements not already legally required, the Permittee shall be allowed up to ninety (90) days from the date of permit issuance or the date of initial start-up, whichever is later, to begin such record keeping.

C.16 General Reporting Requirements [326 IAC 2-1.1-11] [326 IAC 2-6.1-2] [IC 13-14-1-13]

- (a) Reports required by conditions in Section D of this permit shall be submitted to:

Indiana Department of Environmental Management
Compliance and Enforcement Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

- (b) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or

certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.

- (c) The first report shall cover the period commencing on the date of issuance of this permit or the date of initial start-up, whichever is later, and ending on the last day of the reporting period. Reporting periods are based on calendar years, unless otherwise specified in this permit. For the purpose of this permit, "calendar year" means the twelve (12) month period from January 1 to December 31 inclusive.

SECTION D.1 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:	
(a)	One (1) woodworking operation located at Building 1, constructed in 2004, with a maximum throughput rate of 16,000 pounds of wood panel per hour, controlled by two (2) baghouses (identified as S1 and S2), and exhausting through stacks S1 and S2, respectively.
(b)	One (1) woodworking operation located at Building 2, constructed in 2004, with a maximum throughput rate of 4,500 pounds of wood panel per hour, controlled by one (1) baghouse (identified as S5), and exhausting through stack S5.
(c)	One (1) woodworking operation located at Building 3, constructed in 2004, with a maximum throughput rate of 122,000 pounds of wood panel per hour, controlled by two (2) baghouses (identified as S3 and S4), and exhausting through stacks S3 and S4, respectively.
(The information describing the process contained in this emissions unit description box is descriptive information and does not constitute enforceable conditions.)	

Emission Limitations and Standards [326 IAC 2-6.1-5(a)(1)]

D.1.1 PSD Minor Source Limit [326 IAC 2-2]

Particulate matter (PM), PM10, and PM2.5 from the woodworking operations as listed in the following table shall not exceed the pound per hour emission rates:

Stack ID	Control Device	PM PSD Limit (lb/hr)	PM10 PSD Limit (lb/hr)	PM2.5 PSD Limit (lb/hr)
S1	Baghouse	6.17	2.31	2.31
S2	Baghouse	5.52	2.07	2.07
S3	Baghouse	4.42	1.66	1.66
S4	Baghouse	4.63	1.74	1.74
S5	Baghouse	6.17	2.31	2.31

Compliance with these limits, combined with the potential to emit PM, PM10, and PM2.5 from all other emission units at this source, shall limit the source-wide total potential to emit of PM to less than 250 tons per year, PM10 and PM2.5 emission to less than 100 tons per year, and shall render the requirements of 326 IAC 2-2 (PSD) not applicable.

D.1.2 Particulate [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), the allowable particulate emission rate from each of the woodworking operations shall not exceed the emission limits listed in the following table:

Process	Max. Process Weight Rate (lbs/hr)	Particulate Emission Limits (lbs/hr)
Woodworking Operation in Plant 1	16,000	16.5
Woodworking Operation in Plant 2	4,500	7.06
Woodworking Operation in Plant 3	122,000	46.4

The pounds per hour limitations were calculated using the following equations:

- (1) Interpolation of the data for the process weight rate up to 60,000 pounds per hour shall be accomplished by use of the equation:

$$E = 4.10P^{0.67} \quad \text{where: } E = \text{rate of emissions in pounds per hour; and} \\ P = \text{process weight rate in tons per hour}$$

- (2) Interpolation and extrapolation of the data for the process weight rate in excess of 60,000 pounds per hour shall be accomplished by use of the equation:

$$E = 55.1P^{0.11} - 40 \quad \text{where: } E = \text{rate of emissions in pounds per hour; and} \\ P = \text{process weight rate in tons per hour}$$

D.1.3 Preventive Maintenance Plan [326 IAC 1-6-3]

A Preventive Maintenance Plan is required for these facilities and their control devices. Section B - Preventive Maintenance Plan contains the Permittee's obligation with regard to the preventive maintenance plan required by this condition.

Compliance Determination Requirements

D.1.4 PM, PM10, and PM2.5 Control

- (a) In order to comply with Conditions D.1.1 and D.1.2, the baghouses for particulate control shall be in operation and control emissions from the woodworking operations at all times that the woodworking operations are in operation.
- (b) In the event that bag failure is observed in a multi-compartment baghouse, if operations will continue for ten (10) days or more after the failure is observed before the failed units will be repaired or replaced, the Permittee shall promptly notify the IDEM, OAQ of the expected date the failed units will be repaired or replaced. The notification shall also include the status of the applicable compliance monitoring parameters with respect to normal, and the results of any response actions taken up to the time of notification.

Compliance Monitoring Requirements [326 IAC 2-6.1-5(a)(2)]

D.1.5 Visible Emissions Notations

- (a) Daily visible emission notations of the baghouse stack exhausts (stacks S1 through S5) shall be performed during normal daylight operations. A trained employee shall record whether emissions are normal or abnormal.
- (b) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.
- (c) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.
- (d) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.
- (e) If abnormal emissions are observed, the Permittee shall take a reasonable response steps. Section C – Response to Excursions and Exceedances contains the Permittee's obligation with regard to the reasonable response steps required by this condition. Failure to take response steps shall be considered a deviation from this permit.

D.1.6 Baghouse Inspections

An inspection shall be performed each calendar quarter of all bags controlling the woodworking operations. All defective bags shall be replaced.

D.1.7 Broken or Failed Bag Detection

- (a) For a single compartment baghouse controlling emissions from a process operated continuously, a failed unit and the associated process shall be shut down immediately until the failed unit has been repaired or replaced. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the requirements of the emergency provisions of this permit (Section C - Response to Excursions or Exceedances).
- (b) For a single compartment baghouse controlling emissions from a batch process, the feed to the process shall be shut down immediately until the failed unit has been repaired or replaced. The emissions unit shall be shut down no later than the completion of the processing of the material in the emissions unit. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the requirements of the emergency provisions of this permit (Section C - Response to Excursions or Exceedances).

Bag failure can be indicated by a significant drop in the baghouse's pressure reading with abnormal visible emissions, by an opacity violation, or by other means such as gas temperature, flow rate, air infiltration, leaks, dust traces or triboflows.

Record Keeping and Reporting Requirements [326 IAC 2-6.1-5(a)(2)]

D.1.8 Record Keeping Requirements

- (a) To document the compliance status with Condition D.1.5, the Permittee shall maintain records of daily visible emission notations of the baghouse stack exhausts. The Permittee shall include in its daily record when a reading is not taken and the reason for the lack of a reading (e.g., the process did not operate that day).
- (b) To document the compliance status with Condition D.1.6, the Permittee shall maintain records of the results of the inspections required under Condition D.1.6.
- (c) Section C - General Record Keeping Requirements of this permit contains the Permittee's obligations with regard to the records required by this condition.

SECTION D.2 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

- (d) One (1) Roll Coat Paint line located at Plant 1, consisting of three (3) roll coaters, identified as RC-01, approved for construction in January 2008, with a maximum capacity of 75 units (boards) per hour per roll coater, and exhausting to stack S6.

(The information describing the process contained in this emissions unit description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-6.1-5(a)(1)]

D.2.1 Volatile Organic Compounds (VOC) [326 IAC 8-2-10]

Pursuant to 326 IAC 8-2-10 the amount of VOC applied to the panels in the emissions unit, identified as RC-01, shall not exceed six (6) pounds per 1,000 square feet of panel, regardless of the number of coatings applied.

D.2.2 Preventive Maintenance Plan [326 IAC 1-6-3]

A Preventive Maintenance Plan is required for these facilities. Section B - Preventive Maintenance Plan contains the Permittee's obligation with regard to the preventive maintenance plan required by this condition.

Compliance Determination Requirements

D.2.3 Volatile Organic Compounds (VOC) [326 IAC 8-1-4] [326 IAC 8-1-2(a)]

Compliance with the VOC content limitation contained in Condition D.2.1 shall be determined pursuant to 326 IAC 8-1-4(a)(3) and 326 IAC 8-1-2(a) by preparing or obtaining from the manufacturer the copies of the "as supplied" and "as applied" VOC data sheets. IDEM, OAQ, reserves the authority to determine compliance using Method 24 in conjunction with the analytical procedures specified in 326 IAC 8-1-4.

Record Keeping and Reporting Requirements [326 IAC 2-6.1-5(a)(2)]

D.2.4 Record Keeping Requirements

- (a) To document the compliance status with Condition D.2.1, the Permittee shall maintain records in accordance with (1) through (4) below. Records maintained for (1) through (4) shall be taken monthly and shall be complete and sufficient to establish compliance with the VOC emission limit established in Condition D.2.1. Records necessary to demonstrate compliance shall be available within 30 days of the end of each compliance period.
- (1) The VOC content of each coating material and solvent used.
 - (2) The amount of coating material and solvent less water used on monthly basis.
 - (A) Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used.
 - (B) Solvent usage records shall differentiate between those added to coatings and those used as cleanup solvents.
 - (3) The weight of VOCs emitted for each compliance period.
 - (4) The area of panel coated by emissions unit, identified as RC-01.

- (b) Section C - General Record Keeping Requirements of this permit contains the Permittee's obligations with regard to the records required by this condition.

SECTION D.3 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

- (e) One (1) surface coating booth, identified as B1, constructed in 2007, approved for modification in 2012, with a maximum capacity of 25 tables per hour, using a dry filter for particulate control, and exhausting to stack S7. The booth uses one (1) high volume low pressure (HVLP) spray applicator, and a non-halogenated organic solvent for cleanup activities.
- (f) Two (2) surface coating booths, identified as B3/B4, constructed in 2008, approved for modification in 2012, with a maximum capacity to coat four (4) tables per hour, using a dry filter for particulate control, and exhausting to (combined) stack S8. The booth uses two (2) high volume low pressure (HVLP) spray applicators, and a non-halogenated organic solvent for cleanup activities.
- (g) One (1) surface coating booth, identified as B6, constructed in 2009, approved for modification in 2012, with a maximum capacity to coat five (5) wood counter tops per hour, using a dry filter for particulate control, and exhausting to stack S9. The booth uses (1) high volume low pressure (HVLP) spray applicator, and a non-halogenated organic solvent for cleanup activities.
- (j) One (1) small adhesive coating booth, identified as P3-1, to be installed in 2009, with a maximum capacity of 50 units per hour, using water based adhesive application, equipped with an airless assisted spray gun, using a dry filter to control particulate emissions. The booth exhausts to stack S10.
- (l) One (1) surface coating booth, identified as B5, constructed in 2008, with a maximum capacity to coat four sets (one set equals four (4) tables and sixteen (16) chairs) per hour, using a dry filter for particulate control, and exhausting to stack E5. The booth uses one (1) high volume low pressure (HVLP) spray applicator, and a non-halogenated organic solvent for cleanup activities.

(The information describing the process contained in this emissions unit description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-6.1-5(a)(1)]

D.3.1 Volatile Organic Compounds (VOC) [326 IAC 8-2-12]

Pursuant to 326 IAC 8-2-12 (Wood Furniture and Cabinet Coating), the surface coating applied to wood furniture and cabinets in surface coating booths B1, B3/B4, B5, and B6, with the exception of no more than ten (10) gallons of coating per day used for touch-up and repair operations, shall utilize one of the following application methods:

- Airless Spray Application
- Air Assisted Airless Spray Application
- Electrostatic Spray Application
- Electrostatic Bell or Disc Application
- Heated Airless Spray Application
- Roller Coating
- Brush or Wipe Application
- Dip-and-Drain Application

High Volume Low Pressure (HVLP) Spray Application is an accepted alternative method of application for Air Assisted Airless Spray Application. HVLP spray is the technology used to apply coating to substrate by means of coating application equipment which operates between one-

tenth (0.1) and ten (10) pounds per square inch gauge (psig) air pressure measured dynamically at the center of the air cap and at the air horns of the spray system.

D.3.2 Particulate [326 IAC 6-3]

- (a) Pursuant to 326 IAC 6-3-2(d) (Particulate Emission Limitations for Manufacturing Processes), surface coating booths (B1, B3/B4, B5, and B6) shall be controlled by a dry particulate filter, waterwash, or an equivalent control device according to the manufacturer's specifications.
- (b) If overspray is visibly detected at the exhaust or accumulates on the ground, the Permittee shall inspect the control device and do either of the following no later than four (4) hours after such observation:
 - (1) Repair control device so that no overspray is visibly detectable at the exhaust or accumulates on the ground.
 - (2) Operate equipment so that no overspray is visibly detectable at the exhaust or accumulates on the ground.
- (c) If overspray is visibly detected, the Permittee shall maintain a record of the action taken as a result of the inspection, any repairs of the control device, or change in operations, so that overspray is not visibly detected at the exhaust or accumulates on the ground. These records must be maintained for five (5) years.

D.3.3 Preventive Maintenance Plan

A Preventive Maintenance Plan is required for these facilities and their control devices. Section B - Preventive Maintenance Plan contains the Permittee's obligation with regard to the preventive maintenance plan required by this condition.

Record Keeping and Reporting Requirements [326 IAC 2-5.1-3(e)(2)] [326 IAC 2-6.1-5(a)(2)]

D.3.4 Record Keeping Requirements

- (a) To document the compliance status with Condition D.3.2(c), the Permittee shall maintain a record of any actions taken if overspray is visibly detected.
- (b) Section C - General Record Keeping Requirements, of this permit contains the Permittee's obligations with regard to the records required by this condition.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE AND ENFORCEMENT BRANCH

MINOR SOURCE OPERATING PERMIT
ANNUAL NOTIFICATION

This form should be used to comply with the notification requirements under 326 IAC 2-6.1-5(a)(5).

Company Name:	Patrick Industries, Inc.
Address:	28163 County Rd. 20 West
City:	Elkhart, Indiana 46517
Phone #:	(574) 389-2902
MSOP #:	M039-27104-00599

I hereby certify that Patrick Industries, Inc. is :

still in operation.

no longer in operation.

I hereby certify that Patrick Industries, Inc. is :

in compliance with the requirements of MSOP M039-27104-00599.

not in compliance with the requirements of MSOP M039-27104-00599.

Authorized Individual (typed):
Title:
Signature:
Date:

If there are any conditions or requirements for which the source is not in compliance, provide a narrative description of how the source did or will achieve compliance and the date compliance was, or will be achieved.

Noncompliance:

MALFUNCTION REPORT

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT OFFICE OF AIR QUALITY FAX NUMBER: (317) 233-6865

**This form should only be used to report malfunctions applicable to Rule 326 IAC 1-6
and to qualify for the exemption under 326 IAC 1-6-4.**

THIS FACILITY MEETS THE APPLICABILITY REQUIREMENTS BECAUSE IT HAS POTENTIAL TO EMIT 25 TONS/YEAR PARTICULATE MATTER ?_____, 25 TONS/YEAR SULFUR DIOXIDE ?_____, 25 TONS/YEAR NITROGEN OXIDES?_____, 25 TONS/YEAR VOC ?_____, 25 TONS/YEAR HYDROGEN SULFIDE ?_____, 25 TONS/YEAR TOTAL REDUCED SULFUR ?_____, 25 TONS/YEAR REDUCED SULFUR COMPOUNDS ?_____, 25 TONS/YEAR FLUORIDES ?_____, 100 TONS/YEAR CARBON MONOXIDE ?_____, 10 TONS/YEAR ANY SINGLE HAZARDOUS AIR POLLUTANT ?_____, 25 TONS/YEAR ANY COMBINATION HAZARDOUS AIR POLLUTANT ?_____, 1 TON/YEAR LEAD OR LEAD COMPOUNDS MEASURED AS ELEMENTAL LEAD ?_____, OR IS A SOURCE LISTED UNDER 326 IAC 2-5.1-3(2) ?_____. EMISSIONS FROM MALFUNCTIONING CONTROL EQUIPMENT OR PROCESS EQUIPMENT CAUSED EMISSIONS IN EXCESS OF APPLICABLE LIMITATION _____.

THIS MALFUNCTION RESULTED IN A VIOLATION OF: 326 IAC _____ OR, PERMIT CONDITION # _____ AND/OR PERMIT LIMIT OF _____

THIS INCIDENT MEETS THE DEFINITION OF "MALFUNCTION" AS LISTED ON REVERSE SIDE ? Y N

THIS MALFUNCTION IS OR WILL BE LONGER THAN THE ONE (1) HOUR REPORTING REQUIREMENT ? Y N

COMPANY: _____ PHONE NO. () _____
LOCATION: (CITY AND COUNTY) _____
PERMIT NO. _____ AFS PLANT ID: _____ AFS POINT ID: _____ INSP: _____
CONTROL/PROCESS DEVICE WHICH MALFUNCTIONED AND REASON: _____

DATE/TIME MALFUNCTION STARTED: ____/____/20____ _____ AM / PM

ESTIMATED HOURS OF OPERATION WITH MALFUNCTION CONDITION: _____

DATE/TIME CONTROL EQUIPMENT BACK-IN SERVICE ____/____/20____ _____ AM/PM

TYPE OF POLLUTANTS EMITTED: TSP, PM-10, SO2, VOC, OTHER: _____

ESTIMATED AMOUNT OF POLLUTANT EMITTED DURING MALFUNCTION: _____

MEASURES TAKEN TO MINIMIZE EMISSIONS: _____

REASONS WHY FACILITY CANNOT BE SHUTDOWN DURING REPAIRS:

CONTINUED OPERATION REQUIRED TO PROVIDE ESSENTIAL* SERVICES: _____
CONTINUED OPERATION NECESSARY TO PREVENT INJURY TO PERSONS: _____
CONTINUED OPERATION NECESSARY TO PREVENT SEVERE DAMAGE TO EQUIPMENT: _____
INTERIM CONTROL MEASURES: (IF APPLICABLE) _____

MALFUNCTION REPORTED BY: _____ TITLE: _____
(SIGNATURE IF FAXED)

MALFUNCTION RECORDED BY: _____ DATE: _____ TIME: _____

*SEE PAGE 2

Please note - This form should only be used to report malfunctions applicable to Rule 326 IAC 1-6 and to qualify for the exemption under 326 IAC 1-6-4.

326 IAC 1-6-1 Applicability of rule

Sec. 1. This rule applies to the owner or operator of any facility required to obtain a permit under 326 IAC 2-5.1 or 326 IAC 2-6.1.

326 IAC 1-2-39 "Malfunction" definition

Sec. 39. Any sudden, unavoidable failure of any air pollution control equipment, process, or combustion or process equipment to operate in a normal and usual manner.

***Essential services** are interpreted to mean those operations, such as, the providing of electricity by power plants. Continued operation solely for the economic benefit of the owner or operator shall not be sufficient reason why a facility cannot be shutdown during a control equipment shutdown.

If this item is checked on the front, please explain rationale:

**Indiana Department of Environmental Management
Office of Air Quality**

Technical Support Document (TSD) for a Significant Permit Revision to a
Minor Source Operating Permit (MSOP)

Source Description and Location

Source Name:	Patrick Industries, Inc.
Source Location:	28163 CR 20 W and 1515 Leininger, Elkhart, IN 46517
County:	Elkhart
SIC Code:	2499 (Wood Products, Not Elsewhere Classified)
Operation Permit No.:	M039-27104-00599
Operation Permit Issuance Date:	March 12, 2009
Significant Permit Revision No.:	039-30904-00599
Permit Reviewer:	Christine L. Filutze

On September 12, 2011, the Office of Air Quality (OAQ) received an application from Patrick Industries, Inc. related to a modification to an existing stationary woodworking and laminating plant. Patrick Industries, Inc. purchased Praxis Group, LLC and requested to add equipment from Praxis Group, LLC to the Patrick Industries, Inc. permit.

Source Definition

The following source determination is conducted under this revision;

This source consists of the following plants:

- (a) Plant 1, located at 28163 CR 20 W, Elkhart, IN, currently permitted under Plant ID: 039-00599; and
- (b) Plant 2, located at 1515 Leininger, Elkhart, IN, (previously permitted under Plant ID: 039-00694).

In order to consider both plants as one single source, all three of the following criteria must be met:

- (1) The plants must have common ownership/control;
- (2) The plants must have the same SIC code; and
- (3) The plants must be located on contiguous or adjacent properties.

These plants are located on contiguous or adjacent properties (0.86 miles from each other), they have the same SIC code of (2499) and are under common control. Therefore, they will be considered one (1) source, as defined by 326 IAC 2-7-1(22).

For permitting purposes, the permit is issued to Patrick Industries, Inc. and Plant ID 039-00599 will be used for both plants.

Existing Approvals

Plant 1, located at 28163 CR 20 W, Elkhart, IN, has been operating under MSOP No. M039-27104-00599 issued March 12, 2009.

Plant 2, located at 1515 Leininger, Elkhart, IN, has been previously operating under the following approvals:

- (a) MSOP No. M039-27615-00694 issued on July 17, 2009;

- (b) First Notice-Only Change No. 039-28363-00694 issued on September 3, 2009; and
- (c) Second Notice-Only Change No. 039-29226-00694 issued on June 1, 2010.

County Attainment Status

The source is located in Elkhart County.

Pollutant	Designation
SO ₂	Better than national standards.
CO	Unclassifiable or attainment effective November 15, 1990.
O ₃	Attainment effective July 19, 2007, for the 8-hour ozone standard. ¹
PM ₁₀	Unclassifiable effective November 15, 1990.
NO ₂	Cannot be classified or better than national standards.
Pb	Not designated.
¹ Attainment effective October 18, 2000, for the 1-hour ozone standard for the South Bend-Elkhart area, including Elkhart County, and is a maintenance area for the 1-hour National Ambient Air Quality Standards (NAAQS) for purposes of 40 CFR 51, Subpart X*. The 1-hour standard was revoked effective June 15, 2005. Unclassifiable or attainment effective April 5, 2005, for PM _{2.5} .	

- (a) **Ozone Standards**
 Volatile organic compounds (VOC) and Nitrogen Oxides (NOx) are regulated under the Clean Air Act (CAA) for the purposes of attaining and maintaining the National Ambient Air Quality Standards (NAAQS) for ozone. Therefore, VOC and NOx emissions are considered when evaluating the rule applicability relating to ozone. Elkhart County has been designated as attainment or unclassifiable for ozone. Therefore, VOC and NOx emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.
- (b) **PM_{2.5}**
 Elkhart County has been classified as attainment for PM_{2.5}. On May 8, 2008 U.S. EPA promulgated the requirements for Prevention of Significant Deterioration (PSD) for PM_{2.5} emissions. These rules became effective on July 15, 2008. On May 4, 2011 the air pollution control board issued an emergency rule establishing the direct PM_{2.5} significant level at ten (10) tons per year. This rule became effective, June 28, 2011. Therefore, direct PM_{2.5} and SO₂ emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2. See the State Rule Applicability – Entire Source section.
- (c) **Other Criteria Pollutants**
 Elkhart County has been classified as attainment or unclassifiable in Indiana for all other criteria pollutants. Therefore, these emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.

Fugitive Emissions

- (a) The fugitive emissions of criteria pollutants, hazardous air pollutants, and greenhouse gases are counted toward the determination of 326 IAC 2-6.1 (Minor Source Operating Permits) applicability.
- (b) Since this type of operation is not one of the twenty-eight (28) listed source categories under 326 IAC 2-2, 326 IAC 2-3, or 326 IAC 2-7, and there is no applicable New Source Performance Standard that was in effect on August 7, 1980, fugitive emissions are not counted toward the determination of PSD, Emission Offset, and Part 70 Permit applicability.

Status of the Existing Source

The table below summarizes the potential to emit of the entire source, prior to the proposed revision, after consideration of all enforceable limits established in the effective permits:

Process/ Emission Unit	Potential To Emit of the Entire Source Prior to Revision (tons/year)*									
	PM	PM10	PM2.5	SO ₂	NO _x	VOC	CO	GHGs as CO ₂ e**	Total HAPs	Worst Single HAP
Woodworking Operation***	2.95	2.95	2.95	0.00	0.00	0.00	0.00	0	0.00	0.00
Roll Coat Paint Line RC-01	0.00	0.00	0.00	0.00	0.00	8.64	0.00	0	0.02	0.02 Xylene
Roll Coat Counter Top CT-1	0.00	0.00	0.00	0.00	0.00	1.74	0.00	0	1.40	1.16 Methanol
Natural Gas Combustion	0.13	0.52	0.52	0.04	6.90	0.38	5.79	8,329	0.13	0.12 Hexane
Laminating Process	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00
Adhesive Coating Booth P3-1	0.26	0.26	0.26	0.00	0.00	0.01	0.00	0	0.00	0.00
Total PTE of Entire Source***	3.34	3.73	3.73	0.04	6.90	10.77	5.79	8,329	1.55	1.16 Methanol
Title V Major Source Thresholds**	NA	100	100	100	100	100	100	100,000	25	10
PSD Major Source Thresholds**	250	250	250	250	250	250	250	100,000	NA	NA
These emissions are based upon potential to emit from existing permitted emission units at this source. *Data in table is from permit No. M039-27104-00599. **The 100,000 CO ₂ e threshold represents the Title V and PSD subject to regulation thresholds for GHGs in order to determine whether a source's emissions are a regulated NSR pollutant under Title V and PSD. *** The potential to emit PM, PM10, and PM2.5 is after integral controls for woodworking for permit level determination.										

Description of Proposed Revision

The Office of Air Quality (OAQ) has reviewed an application, submitted by Patrick Industries, Inc. on September 12, 2011, relating to their stationary woodworking and laminating plant. Patrick Industries, Inc. has purchased Praxis Group, LLC and has requested to add new equipment from Praxis Group, LLC to the Patrick Industries, Inc. permit.

The following is a list of the new and modified emission units and pollution control devices:

Plant 1 Location (28163 CR 20 W, Elkhart, IN):

- (a) One (1) surface coating booth, identified as B1, constructed in 2007, approved for modification in 2012, with a maximum capacity of 25 tables per hour, using a dry filter for particulate control, and exhausting to stack S7. The booth uses one (1) high volume low pressure (HVLP) spray applicator, and a non-halogenated organic solvent for cleanup activities.

- (b) Two (2) surface coating booths, identified as B3/B4, constructed in 2008, approved for modification in 2012, with a maximum capacity to coat four (4) tables per hour, using a dry filter for particulate control, and exhausting to (combined) stack S8. The booth uses two (2) high volume low pressure (HVLP) spray applicators, and a non-halogenated organic solvent for cleanup activities.
- (c) One (1) surface coating booth, identified as B6, constructed in 2009, approved for modification in 2012, with a maximum capacity to coat five (5) wood counter tops per hour, using a dry filter for particulate control, and exhausting to stack S9. The booth uses (1) high volume low pressure (HVLP) spray applicator, and a non-halogenated organic solvent for cleanup activities.
- (d) One (1) natural gas-fired air makeup unit, identified as AM1 Plant 1, constructed in 2011, approved for modification in 2012, rated at 0.3 MMBtu per hour heat input capacity.

Note: These units were formerly located at the 1515 Leininger, Elkhart, IN location and are being modified due to the relocation these units to the 28163 CR 20 W, Elkhart, IN location.

Plant 2 Location (1515 Leininger, Elkhart, IN):

- (a) One (1) surface coating booth, identified as B5, constructed in 2008, with a maximum capacity to coat four sets (one set equals four (4) tables and sixteen (16) chairs) per hour, using a dry filter for particulate control, and exhausting to stack E5. The booth uses one (1) high volume low pressure (HVLP) spray applicator, and a non-halogenated organic solvent for cleanup activities.
- (b) Natural gas-fired combustion sources with heat input equal to or less than ten (1) MMBtu per hour, consisting of the following:
 - (1) Sixteen (16) natural gas-fired forced air space heaters, identified as H1 through H16, each rated at 0.25 MMBtu per hour heat input capacity.
 - (2) Ten (10) natural gas-fired forced air space heaters, identified as H17 through H26, each rated at 0.17 MMBtu per hour heat input capacity.
 - (3) Five (5) natural gas-fired forced air space heaters, identified as H27 through H31, each rated at 0.06 MMBtu per hour heat input capacity.
 - (4) One (1) natural gas-fired air makeup unit, identified as AM1 Plant 2, each rated at 0.213 MMBtu per hour heat input capacity.

Note: These units are located in 1515 Leininger, Elkhart, IN and will be maintained in this location.

Air Pollution Control Justification as an Integral Part of the Process

In October 1993 a Final Order Granting Summary Judgment was signed by Administrative Law Judge ("ALJ") Garrettson resolving an appeal filed by Kimball Hospitality Furniture Inc. (Cause Nos. 92-A-J-730 and 92-A-J-833) related to the method by which IDEM calculated potential emissions from woodworking operations. In his findings, the ALJ determined that particulate controls are necessary for the facility to produce its normal product and are integral to the normal operation of the facility, and therefore, potential emissions should be calculated after controls. Based on this ruling, potential emissions for particulate matter were calculated after consideration of the controls for determining operating permit level purposes. However, for purposes of determining the applicability of Prevention of Significant Deterioration (PSD) and 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), potential particulate matter emissions from the woodworking operations were calculated before consideration of the controls.

Enforcement Issues

There are no pending enforcement actions related to this revision.

Emission Calculations

See Appendix A of this TSD for detailed emission calculations.

Permit Level Determination – MSOP Revision

The following table is used to determine the appropriate permit level under 326 IAC 2-6.1-6. This table reflects the PTE before controls of the proposed revision. Control equipment is not considered federally enforceable until it has been required in a federally enforceable permit.

Process/ Emission Unit	PTE of Proposed Revision (tons/year)									
	PM	PM10	PM2.5	SO ₂	NO _x	VOC	CO	GHGs as CO ₂ e	Total HAPs	Worst Single HAP
Coating Booth B1 - Stain	0.16	0.16	0.16	0.00	0.00	10.92	0.00	0	0.00	0.00
Coating Booth B1 - Sealer/ Topcoat**	4.71	4.71	4.71	0.00	0.00	41.31	0.00	0	0.00	0.00
Coating Booth B3/B4	1.08	1.08	1.08	0.00	0.00	7.60	0.00	0	0.14	0.14 Glycol
Coating Booth B5	4.52	4.52	4.52	0.00	0.00	3.41	0.00	0	0.00	0.00
Coating Booth B6	1.44	1.44	1.44	0.00	0.00	10.16	0.00	0	0.19	0.19 Glycol
Cleaner (Booths B1, B3/B4, B5, B6)	0.00	0.00	0.00	0.00	0.00	11.71	0.00	0	2.43	2.43 Toluene
Natural Gas Combustion	0.06	0.22	0.22	0.02	2.85	0.16	2.40	3,444	0.05	0.05 Hexane
Total PTE of Proposed Revision*	11.97	12.13	12.13	0.02	2.85	85.27	2.40	3,444	2.81	2.43 Toluene

*The potential to emit PM10 and PM2.5 is after integral controls for woodworking. **VOC limited to < 25.

This MSOP is being revised through a MSOP Significant Permit Revision pursuant to 326 IAC 2-6.1-6(i)(1)(E)(iv) because the revision involves the construction of emission units with potential to emit (PTE) VOC greater than 25 tons per year.

PTE of the Entire Source After Issuance of the MSOP Revision

The table below summarizes the potential to emit of the entire source, with updated emissions shown as **bold** values and previous emissions shown as ~~strike through~~ values.

Process/ Emission Unit	Potential To Emit of the Entire Source to accommodate the Proposed Revision (tons/year)									
	PM	PM10*	PM2.5	SO ₂	NO _x	VOC	CO	GHGs as CO ₂ e**	Total HAPs	Worst Single HAP
Woodworking Operation***	2.95 117.88	2.95 44.21	2.95 44.21	0.00	0.00	0.00	0.00	0	0.00	0.00
Roll Coat Paint Line RC-01	0.00	0.00	0.00	0.00	0.00	8.64	0.00	0	0.02	0.02 Xylene
Roll Coat Counter Top CT1	0.00	0.00	0.00	0.00	0.00	1.74	0.00	0	1.40	1.16 Methanol
Coating Booth B1 - Stain	0.16	0.16	0.16	0.00	0.00	10.92	0.00	0	0.00	0.00
Coating Booth B1 - Sealer/ Topcoat***	4.71	4.71	4.71	0.00	0.00	41.31	0.00	0	0.00	0.00
Coating Booth B3/B4	1.08	1.08	1.08	0.00	0.00	7.60	0.00	0	0.14	0.14 Glycol
Coating Booth B5	4.52	4.52	4.52	0.00	0.00	3.41	0.00	0	0.00	0.00
Coating Booth B6	1.44	1.44	1.44	0.00	0.00	10.16	0.00	0	0.19	0.19 Glycol
Cleaner (Booths B1, B3/B4, B5, B6)	0.00	0.00	0.00	0.00	0.00	11.71	0.00	0	2.43	2.43 Toluene
Natural Gas Combustion	0.13 0.19	0.52 0.74	0.52 0.74	0.04 0.06	6.90 9.75	0.38 0.54	5.79 8.19	8,329 11,773	0.13 0.18	0.12 0.18 Hexane
Laminating Process	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Adhesive Coating Booth P3-1	0.26	0.26	0.26	0.00	0.00	0.01	0.00	0	0	0
Total PTE of the Source	3.34 130.24	3.37 57.12	3.37 57.12	0.04 0.06	6.90 9.75	10.77 96.03	5.79 8.19	8,329 11,773	1.55 4.36	1.16Meth anol 2.60 Toluene
Title V Major Source Thresholds**	NA	100	100	100	100	100	100	100,000	25	10
PSD Major Source Thresholds**	250	250	250	250	250	250	250	100,000	NA	NA

*Under the Part 70 Permit program (40 CFR 70), particulate matter with an aerodynamic diameter less than or equal to a nominal 10 micrometers (PM10), not particulate matter (PM), is considered as a "regulated air pollutant".
 **The 100,000 CO₂e threshold represents the Title V and PSD subject to regulation thresholds for GHGs in order to determine whether a source's emissions are a regulated NSR pollutant under Title V and PSD.
 ***The potential to emit PM10 and PM2.5 is after integral controls for woodworking and VOC limited to < 25 for B1 Sealer/Topcoat.

The table below summarizes the potential to emit of the entire source after issuance of this revision, reflecting all limits, of the emission units. Any control equipment is considered federally enforceable only after issuance of this MSOP permit revision, and only to the extent that the effect of the control equipment is made practically enforceable in the permit. (Note: the table below was generated from the above table, with bold text un-bolded and strikethrough text deleted.)

Process/ Emission Unit	Potential To Emit of the Entire Source to accommodate the Proposed Revision (tons/year)									
	PM	PM10*	PM2.5	SO ₂	NO _x	VOC	CO	GHGs as CO ₂ e**	Total HAPs	Worst Single HAP
Woodworking Operation***	117.88	44.21	44.21	0.00	0.00	0.00	0.00	0	0.00	0.00
Roll Coat Paint Line RC-01	0.00	0.00	0.00	0.00	0.00	8.64	0.00	0	0.02	0.02 Xylene
Roll Coat Counter Top CT1	0.00	0.00	0.00	0.00	0.00	1.74	0.00	0	1.40	1.16 Methanol
Coating Booth B1 - Stain	0.16	0.16	0.16	0.00	0.00	10.92	0.00	0	0.00	0.00
Coating Booth B1 - Sealer/ Topcoat***	4.71	4.71	4.71	0.00	0.00	41.31	0.00	0	0.00	0.00
Coating Booth B3/B4	1.08	1.08	1.08	0.00	0.00	7.60	0.00	0	0.14	0.14 Glycol
Coating Booth B5	4.52	4.52	4.52	0.00	0.00	3.41	0.00	0	0.00	0.00
Coating Booth B6	1.44	1.44	1.44	0.00	0.00	10.16	0.00	0	0.19	0.19 Glycol
Cleaner (Booths B1, B3/B4, B5, B6)	0.00	0.00	0.00	0.00	0.00	11.71	0.00	0	2.43	2.43 Toluene
Natural Gas Combustion	0.19	0.74	0.74	0.06	9.75	0.54	8.19	11,773	0.18	0.18 Hexane
Laminating Process	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Adhesive Coating Booth P3-1	0.26	0.26	0.26	0.00	0.00	0.01	0.00	0	0	0
Total PTE of the Source	130.24	57.12	57.12	0.06	9.75	96.03	8.19	11,773	4.36	2.60 Toluene
Title V Major Source Thresholds**	NA	100	100	100	100	100	100	100,000	25	10
PSD Major Source Thresholds**	250	250	250	250	250	250	250	100,000	NA	NA

*Under the Part 70 Permit program (40 CFR 70), particulate matter with an aerodynamic diameter less than or equal to a nominal 10 micrometers (PM10), not particulate matter (PM), is considered as a "regulated air pollutant".
 **The 100,000 CO₂e threshold represents the Title V and PSD subject to regulation thresholds for GHGs in order to determine whether a source's emissions are a regulated NSR pollutant under Title V and PSD.
 ***The potential to emit PM10 and PM2.5 is after integral controls for woodworking and VOC limited to < 25 for B1 Sealer/Topcoat.

MSOP Status

- (a) This revision to an existing Title V minor stationary source will not change the minor status, because the uncontrolled/unlimited potential to emit criteria pollutants from the entire source will still be less than the Title V major source threshold levels. Therefore, the source will still be subject to the provisions of 326 IAC 2-6.1 (MSOP).

- (b) This revision will not change the minor status of the source, because the uncontrolled/unlimited potential to emit of any single HAP will still be less than ten (10) tons per year and the PTE of a combination of HAPs will still be less than twenty-five (25) tons per year. Therefore, this source is an area source under Section 112 of the Clean Air Act (CAA) and not subject to the provisions of 326 IAC 2-7.
- (c) This revision will not change the minor status of the source, because the uncontrolled/unlimited potential to emit greenhouse gases (GHGs) will still be less than the Title V subject to regulation threshold of one hundred thousand (100,000) tons of CO₂ equivalent emissions (CO₂e) per year. Therefore, the source is not subject to the provisions of 326 IAC 2-7.

Federal Rule Applicability Determination

New Source Performance Standards (NSPS)

- (a) The requirements of the New Source Performance Standard (NSPS) for Small Industrial-Commercial-Institutional Steam Generating Units, 40 CFR 60, Subpart Dc (60.40c through 60.48c) (326 IAC 12), are not included in the permit, because each of the heaters and makeup units are each not considered a steam generating unit as defined by 40 CFR 60.41c.
- (b) There are no New Source Performance Standards (NSPS) (326 IAC 12 and 40 CFR Part 60) included for this proposed revision.

National Emission Standards for Hazardous Air Pollutants (NESHAP)

- (c) The requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAPs) for Wood Furniture Manufacturing Operations, 40 CFR 63.800 - 63.808, Subpart JJ (326 IAC 20-14), are not included in the permit, since this source does not manufacture wood furniture or composite wood products (PCWP) and this source is not a major source of HAPs.
- (d) The requirements of 40 CFR 63, Subpart QQQQ, NESHAP for Surface Coating of Wood Building Products (40 CFR Part 63.4680 - 63.4781) (326 IAC 20-79), are not included in this permit, since this source is not a major source of HAPs, as defined in 40 CFR 63.2, and does include surface coating of wood building products as defined by 40 CFR 63.4781. This source performs surface coating of wood furniture.
- (e) The requirements of the National Emission Standard for Hazardous Air Pollutants (NESHAP) for Industrial, Commercial, and Institutional Boilers and Process Heaters, 40 CFR 63, Subpart DDDDD (63.7480 through 63.7575) (326 IAC 20-95) are not included in the permit, because this source is not a major source of HAPs.
- (f) The requirements of 40 CFR 63, Subpart HHHHHH, NESHAP for Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources (40 CFR Part 63.11169 - 63.11180), are not included in this permit, since this area source does not perform paint stripping using chemical strippers that contain methylene chloride for the removal of dried paint, does not perform spray application of coatings to motor vehicles or mobile equipment, and does not perform spray application of coatings that contain chromium, lead manganese, nickel or cadmium to a plastic and/or metal substrates.
- (g) The requirements of the National Emission Standard for Hazardous Air Pollutants (NESHAP) for Industrial, Commercial, and Institutional Boilers Area Sources, 40 CFR 63, Subpart JJJJJJ (63.11193 through 63.11237), are not included in the permit, because each of the heaters and makeup units is not considered at boiler.
- (h) There are no National Emission Standards for Hazardous Air Pollutants (NESHAPs) (326 IAC 14, 326 IAC 20 and 40 CFR Part 63) included for this proposed revision.

Compliance Assurance Monitoring (CAM)

- (i) Pursuant to 40 CFR 64.2, Compliance Assurance Monitoring (CAM) is not included in the permit, because the unlimited potential to emit of the source is less than the Title V major source thresholds and the source is not required to obtain a Part 70 or Part 71 permit.

State Rule Applicability Determination

The following state rules are applicable to the proposed revision:

- (a) 326 IAC 2-6.1 (Minor Source Operating Permits (MSOP))
MSOP applicability is discussed under the Permit Level Determination – MSOP section above.
- (b) 326 IAC 2-2 (Prevention of Significant Deterioration(PSD))
This modification to an existing PSD minor stationary source will not change the PSD minor status, because the potential to emit of all attainment regulated pollutants from the entire source will continue to be less than the PSD major source threshold levels. Therefore, pursuant to 326 IAC 2-2, the PSD requirements do not apply. See the State Rule Determination Section below.
- (c) 326 IAC 2-4.1 (Major Sources of Hazardous Air Pollutants (HAP))
The proposed revision is not subject to the requirements of 326 IAC 2-4.1, since the unlimited potential to emit of HAPs from the new and modified units is less than ten (10) tons per year for any single HAP and less than twenty-five (25) tons per year of a combination of HAPs.
- (d) 326 IAC 2-6 (Emission Reporting)
Pursuant to 326 IAC 2-6-1, this source is not subject to this rule, because it is not required to have an operating permit under 326 IAC 2-7 (Part 70), it is not located in Lake, Porter, or LaPorte County, and it does not emit lead into the ambient air at levels equal to or greater than 5 tons per year. Therefore, 326 IAC 2-6 does not apply.
- (e) 326 IAC 5-1 (Opacity Limitations)
Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary Alternative Opacity Limitations), opacity shall meet the following, unless otherwise stated in this permit:
- (1) Opacity shall not exceed an average of forty percent (40%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.
 - (2) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.
- (f) 326 IAC 6-4 (Fugitive Dust Emissions Limitations)
Pursuant to 326 IAC 6-4 (Fugitive Dust Emissions Limitations), the source shall not allow fugitive dust to escape beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located, in a manner that would violate 326 IAC 6-4.

Surface Coating (Booths B1, B3/B4, B5, B6)

- (g) 326 IAC 6-3 (Particulate Emission Limitations for Manufacturing Processes)
Pursuant to 326 IAC 6-3-1(b)(15), the surface coating booths (Booths B1, B3/B4, B5, B6) are each subject to the requirements of 326 IAC 6-3, since they each have the potential to use more than five (5) gallons per day of surface coatings. Pursuant to 326 IAC 6-3-2(d), surface coating

booths shall be controlled by a dry particulate filter, waterwash, or an equivalent control device, in accordance with manufacturer's specifications:

- (1) If overspray is visibly detected at the exhaust or accumulates on the ground, the source shall inspect the control device and do either of the following no later than four (4) hours after such observation:
 - (A) Repair control device so that no overspray is visibly detectable at the exhaust or accumulates on the ground.
 - (B) Operate equipment so that no overspray is visibly detectable at the exhaust or accumulates on the ground.

If overspray is visibly detected, the source shall maintain a record of the action taken as a result of the inspection, any repairs of the control device, or change in operations, so that overspray is not visibly detected at the exhaust or accumulates on the ground. These records must be maintained for five (5) years.

- (h) 326 IAC 8-1-6 (VOC Rules: General Reduction Requirements for New Facilities)
The surface coating booths (B-1, B3/B4, B5, and B6) are regulated by 326 IAC 8-2-12 (Wood Furniture and Cabinet Coating). Therefore, the requirements of 326 IAC 8-1-6 are not included in this permit for the surface coating booths (B-1, B3/B4, B5, and B6).
- (i) 326 IAC 8-2-12 (Wood Furniture and Cabinet Coating)
This rule applies to facilities located in Elkhart County, existing as of July 1, 1990, and facilities located in any county, constructed after July 1, 1990, that perform surface coating of wood furniture (or wood furniture components), including cabinets (kitchen, bath, and vanity), tables, beds, chairs, sofas (non-upholstered), art objects, and any other coated furnishings made of solid wood, wood composition, or simulated wood material and which have actual emissions of greater than fifteen (15) pounds of VOC per day before add-on controls.

The surface coating booths (B-1, B3/B4, B5, and B6) are each subject to the requirements 326 IAC 8-2-12, since they each could potentially have actual emissions of greater than fifteen (15) pounds of VOC per day before add-on controls. Pursuant to 326 IAC 8-2-12 (Wood Furniture and Cabinet Coating), for the surface coating booths (B-1, B3/B4, B5, and B6), the Permittee shall perform surface coating of wood furniture and cabinets, with the exception of no more than ten (10) gallons of coating per day used for touch-up and repair operations, using one (1) or more of the following application systems:

Airless Spray Application
Air Assisted Airless Spray Application
Electrostatic Spray Application
Electrostatic Bell or Disc Application
Heated Airless Spray Application
Roller Coating
Brush or Wipe Application
Dip-and-Drain Application

High Volume Low Pressure (HVLP) Spray Application is an accepted alternative method of application for Air Assisted Airless Spray Application. HVLP spray is the technology used to apply coating to substrate by means of coating application equipment which operates between one-tenth (0.1) and ten (10) pounds per square inch gauge (psig) air pressure measured dynamically at the center of the air cap and at the air horns of the spray system.

Each of the surface coating booths (B-1, B3/B4, B5, and B6) are in compliance with 326 IAC 8-2-12, since they each use HVLP application.

- (j) There are no other 326 IAC 8 Rules that are applicable to the surface coating booths.

Woodworking Operation

- (k) 326 IAC 2-2 (Prevention of Significant Deterioration (PSD))
The PM, PM10 and PM2.5 PTE before control for this source is greater than 250 tons per year. However, this existing source is not a major stationary source, under PSD (326 IAC 2-2), because the potential to emit PM will be limited to less than 250 tons per year, the PM10 and PM2.5 emissions will be limited to less than 100 tons per year and this source is not one of the twenty-eight (28) listed source categories, as specified in 326 IAC 2-2-1(gg)(1). Therefore, pursuant to 326 IAC 2-2, the PSD requirements do not apply.

In order to render the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) not applicable, the source shall comply with the following:

Particulate matter (PM), PM10, and PM2.5 from the woodworking operations as listed in the following table shall not exceed the pound per hour emission rates:

Stack ID	Control Device	PM PSD Limit (lb/hr)	PM10 PSD Limit (lb/hr)	PM2.5 PSD Limit (lb/hr)
S1	Baghouse	6.17	2.31	2.31
S2	Baghouse	5.52	2.07	2.07
S3	Baghouse	4.42	1.66	1.66
S4	Baghouse	4.63	1.74	1.74
S5	Baghouse	6.17	2.31	2.31

Compliance with these limits, combined with the potential to emit PM, PM10, and PM2.5 from all other emission units at this source, shall limit the source-wide total potential to emit of PM to less than 250 tons per year, PM10 and PM2.5 emission to less than 100 tons per year, and shall render the requirements of 326 IAC 2-2 (PSD) not applicable.

Note: The PM, PM10 and PM2.5 PSD limits are new requirements for this source.

In addition, the potential to emit all other attainment regulated criteria pollutants are less than 250 tons per year, the potential to emit greenhouse gases (GHGs) is less than the PSD subject to regulation threshold of one hundred thousand (100,000) tons of CO₂ equivalent emissions (CO₂e) per year, and this source is not one of the twenty-eight (28) listed source categories, as specified in 326 IAC 2-2-1(gg)(1). Therefore, pursuant to 326 IAC 2-2, the PSD requirements do not apply.

Natural Gas Combustion Units

- (l) 326 IAC 6-2 (Particulate Emission Limitations for Sources of Indirect Heating)
The natural gas combustion units are not sources of indirect heating. Therefore, these units are not subject to 326 IAC 6-2.

Compliance Determination, Monitoring and Testing Requirements

- (a) The compliance determination and monitoring requirements applicable to this source are as follows:

Emission Unit/Control	Operating Parameters	Frequency
Spray Booths B1 and B5	Overspray	As needed

- (b) There are no testing requirements applicable to this source.

Proposed Changes

- (a) The following changes listed below are due to the proposed revision. Deleted language appears as ~~strikethrough~~ text and new language appears as **bold** text:

A.2 Source Definition

This source consists of the following plants:

- (a) **Plant 1 is located at 28163 CR 20 W, Elkhart, IN, and**
- (b) **Plant 2 is located at 1515 Leininger, Elkhart, IN.**

These plants are located on contiguous or adjacent properties (0.86 miles from each other), they have the same SIC code of (2499) and are under common control. Therefore, they will be considered one (1) source, as defined by 326 IAC 2-7-1(22).

A.2.3 Emission Units and Pollution Control Equipment Summary

This stationary source consists of the following emission units and pollution control devices:

Plant 1 Location:

- (a) One (1) woodworking operation located at ~~Plant~~**Building 1**, constructed in 2004, with a maximum throughput rate of 16,000 pounds of wood panel per hour, controlled by two (2) baghouses (identified as S1 and S2), and exhausting through stacks S1 and S2, respectively.
- (b) One (1) woodworking operation located at ~~Plant~~**Building 2**, constructed in 2004, with a maximum throughput rate of 4,500 pounds of wood panel per hour, controlled by one (1) baghouse (identified as S5), and exhausting through stack S5.
- (c) One (1) woodworking operation located at ~~Plant~~**Building 3**, constructed in 2004, with a maximum throughput rate of 122,000 pounds of wood panel per hour, controlled by two (2) baghouses (identified as S3 and S4), and exhausting through stacks S3 and S4, respectively.
- (d) One (1) Roll Coat Paint line located at Plant 1, consisting of three (3) roll coaters, identified as RC-01, approved for construction in January 2008, with a maximum capacity of 75 units (boards) per hour per roll coater, and exhausting to stack S6.
- (e) **One (1) surface coating booth, identified as B1, constructed in 2007, approved for modification in 2012, with a maximum capacity of 25 tables per hour, using a dry filter for particulate control, and exhausting to stack S7. The booth uses one (1) high volume low pressure (HVLP) spray applicator, and a non-halogenated organic solvent for cleanup activities.**
- (f) **Two (2) surface coating booths, identified as B3/B4, constructed in 2008, approved for modification in 2012, with a maximum capacity to coat four (4) tables per hour, using a dry filter for particulate control, and exhausting to**

(combined) stack S8. The booth uses two (2) high volume low pressure (HVLP) spray applicators, and a non-halogenated organic solvent for cleanup activities.

- (g) One (1) surface coating booth, identified as B6, constructed in 2009, approved for modification in 2012, with a maximum capacity to coat five (5) wood counter tops per hour, using a dry filter for particulate control, and exhausting to stack S9. The booth uses (1) high volume low pressure (HVLP) spray applicator, and a non-halogenated organic solvent for cleanup activities.**
- (eh) Natural gas-fired combustion sources with heat input equal to or less than ten million (10,000,000) Btu per hour, including the following:**
- (1) Eight (8) infrared tube heaters, located at ~~Plant~~ **Building 1**, each with a maximum heat input capacity of 0.15 MMBtu/hr.**
 - (2) Six (6) Vac tube heaters, located at ~~Plant~~ **Building 1**, each with a maximum heat input capacity of 0.01 MMBtu/hr.**
 - (3) Two (2) Bard furnaces, located at ~~Plant~~ **Building 1**, each with a maximum heat input capacity of 0.12 MMBtu/hr.**
 - (4) Eight (8) infrared tube heaters, located at ~~Plant~~ **Building 2**, each with a maximum heat input capacity of 0.1 MMBtu/hr.**
 - (5) Two (2) infrared tube heaters, located at ~~Plant~~ **Building 2**, each with a maximum heat input capacity of 0.125 MMBtu/hr.**
 - (6) Six (6) infrared tube heaters, located at ~~Plant~~ **Building 3**, each with a maximum heat input capacity of 0.2 MMBtu/hr; and**
 - (7) One (1) natural gas-fired curing oven, identified as RC-01, with a maximum heat input capacity of 1.2 MMBtu/hr, and exhausting to stack S6.**
 - (8) One (1) natural gas-fired air makeup unit, identified as AM1 Plant 1, constructed in 2011, approved for modification in 2012, rated at 0.3 MMBtu per hour heat input capacity.**
- (fi) Operations using water based adhesives that are less than or equal to 5% by volume of VOCs excluding HAPs, including the following:**
- (1) One (1) custom laminating process, constructed in 2004, located in ~~Plant~~ **Building 2**.**
 - (2) One (1) standard laminating process, constructed in 2004, located in ~~Plant~~ **Building 3**.**
- (gj) One (1) small adhesive coating booth, identified as P3-1, to be installed in 2009, with a maximum capacity of 50 units per hour, using water based adhesive application, equipped with an airless assisted spray gun, using a dry filter to control particulate emissions. The booth exhausts to stack S-710.**

- (hk) One (1) Roll Coat Counter Top Operation, located at Plant 1, identified as CT1, approved for construction in 2009, with a maximum capacity of one (1) unit per hour, and exhausting indoors.

Note: **Buildings Plants 1, 2, and 3** represent three (3) different buildings at ~~this the~~ **Plant 1** location.

Plant 2 Location:

- (l) **One (1) surface coating booth, identified as B5, constructed in 2008, with a maximum capacity to coat four sets (one set equals four (4) tables and sixteen (16) chairs) per hour, using a dry filter for particulate control, and exhausting to stack E5. The booth uses one (1) high volume low pressure (HVLP) spray applicator, and a non-halogenated organic solvent for cleanup activities.**
- (m) **Natural gas-fired combustion sources with heat input equal to or less than ten (1) MMBtu per hour, consisting of the following:**
- (1) **Sixteen (16) natural gas-fired forced air space heaters, identified as H1 through H16, each rated at 0.25 MMBtu per hour heat input capacity.**
 - (2) **Ten (10) natural gas-fired forced air space heaters, identified as H17 through H26, each rated at 0.17 MMBtu per hour heat input capacity.**
 - (3) **Five (5) natural gas-fired forced air space heaters, identified as H27 through H31, each rated at 0.06 MMBtu per hour heat input capacity.**
 - (4) **One (1) natural gas-fired air makeup unit, identified as AM1 Plant 2, each rated at 0.213 MMBtu per hour heat input capacity.**

...
SECTION D.1 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

- (a) One (1) woodworking operation located at ~~Plant~~**Building 1**, constructed in 2004, with a maximum throughput rate of 16,000 pounds of wood panel per hour, controlled by two (2) baghouses (identified as S1 and S2), and exhausting through stacks S1 and S2, respectively.
- (b) One (1) woodworking operation located at ~~Plant~~**Building 2**, constructed in 2004, with a maximum throughput rate of 4,500 pounds of wood panel per hour, controlled by one (1) baghouse (identified as S5), and exhausting through stack S5.
- (c) One (1) woodworking operation located at ~~Plant~~**Building 3**, constructed in 2004, with a maximum throughput rate of 122,000 pounds of wood panel per hour, controlled by two (2) baghouses (identified as S3 and S4), and exhausting through stacks S3 and S4, respectively.

(The information describing the process contained in this emissions unit description box is descriptive information and does not constitute enforceable conditions.)

D.1.1 PSD Minor Source Limit [326 IAC 2-2]

Particulate matter (PM) PM10, and PM2.5 from the woodworking operations as listed in the following table shall not exceed the pound per hour emission rates:

Stack ID	Control Device	PM PSD Limit (lb/hr)	PM10 PSD Limit (lb/hr)	PM2.5 PSD Limit (lb/hr)
S1	Baghouse	6.17	2.31	2.31
S2	Baghouse	5.52	2.07	2.07
S3	Baghouse	4.42	1.66	1.66
S4	Baghouse	4.63	1.74	1.74
S5	Baghouse	6.17	2.31	2.31

Compliance with these limits, combined with the potential to emit PM, PM10, and PM2.5 from all other emission units at this source, shall limit the source-wide total potential to emit of PM to less than 250 tons per year, PM10 and PM2.5 emission to less than 100 tons per year, and shall render the requirements of 326 IAC 2-2 (PSD) not applicable.

...

SECTION D.3 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

- (e) One (1) surface coating booth, identified as B1, constructed in 2007, approved for modification in 2012, with a maximum capacity of 25 tables per hour, using a dry filter for particulate control, and exhausting to stack S7. The booth uses one (1) high volume low pressure (HVLP) spray applicator, and a non-halogenated organic solvent for cleanup activities.
- (f) Two (2) surface coating booths, identified as B3/B4, constructed in 2008, approved for modification in 2012, with a maximum capacity to coat four (4) tables per hour, using a dry filter for particulate control, and exhausting to (combined) stack S8. The booth uses two (2) high volume low pressure (HVLP) spray applicators, and a non-halogenated organic solvent for cleanup activities.
- (g) One (1) surface coating booth, identified as B6, constructed in 2009, approved for modification in 2012, with a maximum capacity to coat five (5) wood counter tops per hour, using a dry filter for particulate control, and exhausting to stack S9. The booth uses (1) high volume low pressure (HVLP) spray applicator, and a non-halogenated organic solvent for cleanup activities.
- (j) One (1) small adhesive coating booth, identified as P3-1, to be installed in 2009, with a maximum capacity of 50 units per hour, using water based adhesive application, equipped with an airless assisted spray gun, using a dry filter to control particulate emissions. The booth exhausts to stack S10.
- (l) One (1) surface coating booth, identified as B5, constructed in 2008, with a maximum capacity to coat four sets (one set equals four (4) tables and sixteen (16) chairs) per hour, using a dry filter for particulate control, and exhausting to stack E5. The booth uses one (1) high volume low pressure (HVLP) spray applicator, and a non-halogenated organic solvent for cleanup activities.

(The information describing the process contained in this emissions unit description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-6.1-5(a)(1)]

D.3.1 Volatile Organic Compounds (VOC) [326 IAC 8-2-12]

Pursuant to 326 IAC 8-2-12 (Wood Furniture and Cabinet Coating), the surface coating applied to wood furniture and cabinets in surface coating booths B1, B3/B4, B5, and B6 with the exception of no more than ten (10) gallons of coating per day used for touch-up and repair operations, shall utilize one of the following application methods:

Airless Spray Application
Air Assisted Airless Spray Application
Electrostatic Spray Application
Electrostatic Bell or Disc Application
Heated Airless Spray Application
Roller Coating
Brush or Wipe Application
Dip-and-Drain Application

High Volume Low Pressure (HVLP) Spray Application is an accepted alternative method of application for Air Assisted Airless Spray Application. HVLP spray is the technology used to apply coating to substrate by means of coating application equipment which operates between one-tenth (0.1) and ten (10) pounds per square inch gauge (psig) air pressure measured dynamically at the center of the air cap and at the air horns of the spray system.

D.3.2 Particulate [326 IAC 6-3]

- (a) Pursuant to 326 IAC 6-3-2(d) (Particulate Emission Limitations for Manufacturing Processes), surface coating booths (B1, B3/B4, B5, and B6) shall be controlled by a dry particulate filter, waterwash, or an equivalent control device according to the manufacturer's specifications.
- (b) If overspray is visibly detected at the exhaust or accumulates on the ground, the Permittee shall inspect the control device and do either of the following no later than four (4) hours after such observation:
- (1) Repair control device so that no overspray is visibly detectable at the exhaust or accumulates on the ground.
 - (2) Operate equipment so that no overspray is visibly detectable at the exhaust or accumulates on the ground.
- (c) If overspray is visibly detected, the Permittee shall maintain a record of the action taken as a result of the inspection, any repairs of the control device, or change in operations, so that overspray is not visibly detected at the exhaust or accumulates on the ground. These records must be maintained for five (5) years.

D.3.3 Preventive Maintenance Plan

A Preventive Maintenance Plan is required for these facilities and their control devices. Section B - Preventive Maintenance Plan contains the Permittee's obligation with regard to the preventive maintenance plan required by this condition.

Record Keeping and Reporting Requirements [326 IAC 2-5.1-3(e)(2)] [326 IAC 2-6.1-5(a)(2)]

D.3.4 Record Keeping Requirements

- (a) To document the compliance status with Condition D.3.2(c), the Permittee shall maintain a record of any actions taken if overspray is visibly detected.**
- (b) Section C - General Record Keeping Requirements, of this permit contains the Permittee's obligations with regard to the records required by this condition.**

(b) IDEM, OAQ has decided to make additional revisions to the permit as described below in order to update the language to match the most current version of the applicable rule, to eliminate redundancy within the permit, and to provide clarification regarding the requirements of these conditions.

1. Section A.1 of the permit and the reporting forms have been revised to remove all references to the source mailing address. IDEM, OAQ will continue to maintain records of the mailing address.
2. For clarity, IDEM has changed references to the general conditions: "in accordance with Section B", in accordance with Section C", or other similar language to "Section C...contains the Permittee's obligations with regard to the records required by this condition."
3. IDEM has decided that the phrases "no later than" and "not later than" are clearer than "within" in relation to the end of a timeline. Therefore all timelines have been switched to "no later than" or "not later than" except when the underlying rule states "within."
4. IDEM has determined that rather than having a certification condition and various references throughout the permit as to whether a particular report, notice, or correspondence needs to include a certification, the specific conditions that require an affirmation of truth and completeness shall state so. The certification condition has been removed. All statements to whether a certification, pursuant to the former Section B - Certification, is needed or not have been removed. Section B - Credible Evidence and Section C - Asbestos Abatement Projects still require certification as the underlying rules also require certifications.
5. IDEM has decided to clarify the requirements of Section B – Preventive Maintenance Plan.
6. IDEM has revised Section B - Permit Renewal paragraph (c) to state which rule establishes the authority to set a deadline for the Permittee to submit additional information.
7. IDEM has added 326 IAC 5-1-1 to the exception clause of Section C - Opacity, since 326 IAC 5-1-1 does list exceptions.
8. IDEM has revised Section C - Incineration to more closely reflect the two underlying rules.

9. IDEM has removed the first paragraph of Section C - Performance Testing as due to the fact that specific testing conditions elsewhere in the permit will specify the timeline and procedures.
10. IDEM has removed Section C - Monitoring Methods. The conditions that require the monitoring or testing, if required, state what methods shall be used.
11. IDEM has revised Section C - Response to Excursions or Exceedances. The introduction sentence has been added to clarify that it is only when an excursion or exceedance is detected that the requirements of this condition need to be followed. The word "excess" was added to the last sentence of paragraph (a) because the Permittee only has to minimize excess emissions. The middle of paragraph (b) has been deleted as it was duplicative of paragraph (a). The phrase "or are returning" was added to subparagraph (b)(2) as this is an acceptable response assuming the operation or emission unit does return to normal or its usual manner of operation. The phrase "within the indicator range, designated condition, or below the applicable emission limitation or standard, as applicable" was replaced with "normal or usual manner of operation" because the first phrase is just a limited list of the second phrase. The recordkeeping required by paragraph (e) was changed to require only records of the response because the previously listed items are required to be recorded elsewhere in the permit.
12. IDEM has revised Section C - Actions Related to Noncompliance Demonstrated by a Stack Test. The requirements to take response steps and minimize excess emissions have been removed because Section C - Response to Excursions or Exceedances already requires response steps related to exceedances and excess emissions minimization. The start of the timelines was switched from "the receipt of the test results" to "the date of the test." There was confusion if the "receipt" was by IDEM, the Permittee, or someone else. Since the start of the timelines has been moved up, the length of the timelines was increased. The new timelines require action within a comparable timeline; and the new timelines still ensure that the Permittee will return to compliance within a reasonable timeframe.
13. The voice of paragraph (b) of Section C - General Record Keeping Requirements has been changed to clearly indicate that it is the Permittee that must follow the requirements of the paragraph.
14. The word "status" has been added to Section D - Record Keeping Requirements. The Permittee has the obligation to document the compliance status. The wording has been revised to properly reflect this.

The permit has been revised as follows with deleted language as ~~strikeouts~~ and new language **bolded**:

A.1 General Information [326 IAC 2-5.1-3(c)][326 IAC 2-6.1-4(a)]

...
Mailing Address: ~~107 W. Franklin St., Elkhart, IN 46516~~

...
SECTION B ~~GENERAL CONDITIONS~~

B.1 ~~Definitions [326 IAC 2-1.1-1]~~

~~Terms in this permit shall have the definition assigned to such terms in the referenced regulation. In the absence of definitions in the referenced regulation, the applicable definitions found in the statutes or regulations (IC 13-11, 326 IAC 1-2 and 326 IAC 2-1.1-1) shall prevail.~~

~~B.2 — Revocation of Permits [326 IAC 2-1.1-9(5)]~~

~~Pursuant to 326 IAC 2-1.1-9(5)(Revocation of Permits), the Commissioner may revoke this permit if construction is not commenced within eighteen (18) months after receipt of this approval or if construction is suspended for a continuous period of one (1) year or more.~~

~~B.3 — Permit Term [326 IAC 2-6.1-7(a)][326 IAC 2-1.1-9.5][IC 13-15-3-6(a)]~~

~~(a) — This permit, M039-27104-00599, is issued for a fixed term of five (5) years from the issuance date of this permit, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3. Subsequent revisions, modifications, or amendments of this permit do not affect the expiration date of this permit.~~

~~(b) — If IDEM, OAQ, upon receiving a timely and complete renewal permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect, until the renewal permit has been issued or denied.~~

~~B.4 — Term of Conditions [326 IAC 2-1.1-9.5]~~

~~Notwithstanding the permit term of a permit to construct, a permit to operate, or a permit modification, any condition established in a permit issued pursuant to a permitting program approved in the state implementation plan shall remain in effect until:~~

~~(a) — the condition is modified in a subsequent permit action pursuant to Title I of the Clean Air Act; or~~

~~(b) — the emission unit to which the condition pertains permanently ceases operation.~~

~~B.5 — Enforceability~~

~~Unless otherwise stated, all terms and conditions in this permit, including any provisions designed to limit the source's potential to emit, are enforceable by IDEM, the United States Environmental Protection Agency (U.S. EPA) and by citizens in accordance with the Clean Air Act.~~

~~B.6 — Severability~~

~~The provisions of this permit are severable; a determination that any portion of this permit is invalid shall not affect the validity of the remainder of the permit.~~

~~B.7 — Property Rights or Exclusive Privilege~~

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

~~B.8 — Duty to Provide Information~~

~~(a) — The Permittee shall furnish to IDEM, OAQ, within a reasonable time, any information that IDEM, OAQ may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The submittal by the Permittee does require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1). Upon request, the Permittee shall also furnish to IDEM, OAQ copies of records required to be kept by this permit.~~

~~(b) — For information furnished by the Permittee to IDEM, OAQ, the Permittee may include a claim of confidentiality in accordance with 326 IAC 17.1. When furnishing copies of requested records directly to U. S. EPA, the Permittee may assert a claim of confidentiality in accordance with 40 CFR 2, Subpart B.~~

B.9 — Certification

- ~~(a) — Where specifically designated by this permit or required by an applicable requirement, any application form, report, or compliance certification submitted shall contain certification by an "authorized individual" of truth, accuracy, and completeness. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.~~
- ~~(b) — One (1) certification shall be included, using the attached Certification Form, with each submittal requiring certification. One (1) certification may cover multiple forms in one (1) submittal.~~
- ~~(c) — An "authorized individual" is defined at 326 IAC 2-1.1-1(1).~~

B.10 — Annual Notification [326 IAC 2-6.1-5(a)(5)]

- ~~(a) — An annual notification shall be submitted by an authorized individual to the Office of Air Quality stating whether or not the source is in operation and in compliance with the terms and conditions contained in this permit.~~
- ~~(b) — The annual notice shall be submitted in the format attached no later than March 1 of each year to:~~
- ~~Indiana Department of Environmental Management
Compliance and Enforcement Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, IN 46204-2254~~
- ~~(c) — The notification shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.~~

B.11 — Preventive Maintenance Plan [326 IAC 1-6-3]

- ~~(a) — If required by specific condition(s) in Section D of this permit, the Permittee shall prepare and maintain Preventive Maintenance Plans (PMPs) within ninety (90) days after issuance of this permit or ninety (90) days after initial start-up, whichever is later, including the following information on each facility:~~
- ~~(1) — Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;~~
- ~~(2) — A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and~~
- ~~(3) — Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.~~

~~If, due to circumstances beyond the Permittee's control, the PMPs cannot be prepared and maintained within the above time frame, the Permittee may extend the date an additional ninety (90) days provided the Permittee notifies:~~

~~Indiana Department of Environmental Management
Compliance and Enforcement Branch, Office of Air Quality
100 North Senate Avenue~~

MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2254

~~The PMP extension notification does not require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).~~

- ~~(b) A copy of the PMPs shall be submitted to IDEM, OAQ upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or is the primary contributor to an exceedance of any limitation on emissions or potential to emit. The PMPs do not require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).~~
- ~~(c) To the extent the Permittee is required by 40 CFR Part 60/63 to have an Operation Maintenance, and Monitoring (OMM) Plan for a unit, such Plan is deemed to satisfy the PMP requirements of 326 IAC 1-6-3 for that unit.~~

~~B.12 Prior Permits Superseded [326 IAC 2-1.1-9.5]~~

- ~~(a) All terms and conditions of permits established prior to M039-27104-00599 and issued pursuant to permitting programs approved into the state implementation plan have been either:
 - ~~(1) incorporated as originally stated,~~
 - ~~(2) revised, or~~
 - ~~(3) deleted.~~~~
- ~~(b) All previous registrations and permits are superseded by this permit.~~

~~B.13 Termination of Right to Operate [326 IAC 2-6.1-7(a)]~~

~~The Permittee's right to operate this source terminates with the expiration of this permit unless a timely and complete renewal application is submitted at least one hundred twenty (120) days prior to the date of expiration of the source's existing permit, consistent with 326 IAC 2-6.1-7.~~

~~B.14 Permit Renewal [326 IAC 2-6.1-7]~~

- ~~(a) The application for renewal shall be submitted using the application form or forms prescribed by IDEM, OAQ and shall include the information specified in 326 IAC 2-6.1-7. Such information shall be included in the application for each emission unit at this source. The renewal application does require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).~~

~~Request for renewal shall be submitted to:~~

~~Indiana Department of Environmental Management
Permit Administration and Support Section, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2254~~

- ~~(b) A timely renewal application is one that is:
 - ~~(1) Submitted at least one hundred twenty (120) days prior to the date of the expiration of this permit; and~~~~

~~(2) If the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.~~

~~(c) If the Permittee submits a timely and complete application for renewal of this permit, the source's failure to have a permit is not a violation of 326 IAC 2-6.1 until IDEM, OAQ takes final action on the renewal application, except that this protection shall cease to apply if, subsequent to the completeness determination, the Permittee fails to submit by the deadline specified in writing by IDEM, OAQ any additional information identified as being needed to process the application.~~

~~B.15 Permit Amendment or Revision [326 IAC 2-5.1-3(e)(3)][326 IAC 2-6.1-6]~~

~~(a) Permit amendments and revisions are governed by the requirements of 326 IAC 2-6.1-6 whenever the Permittee seeks to amend or modify this permit.~~

~~(b) Any application requesting an amendment or modification of this permit shall be submitted to:~~

~~Indiana Department of Environmental Management
Permit Administration and Support Section, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2254~~

~~Any such application shall be certified by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).~~

~~(c) The Permittee shall notify the OAQ within thirty (30) calendar days of implementing a notice-only change. [326 IAC 2-6.1-6(d)]~~

~~B.16 Source Modification Requirement~~

~~A modification, construction, or reconstruction is governed by the requirements of 326 IAC 2.~~

~~B.17 Inspection and Entry~~

~~[326 IAC 2-5.1-3(e)(4)(B)][326 IAC 2-6.1-5(a)(4)][IC 13-14-2-2][IC 13-17-3-2][IC 13-30-3-1]~~

~~Upon presentation of proper identification cards, credentials, and other documents as may be required by law, and subject to the Permittee's right under all applicable laws and regulations to assert that the information collected by the agency is confidential and entitled to be treated as such, the Permittee shall allow IDEM, OAQ, U.S. EPA, or an authorized representative to perform the following:~~

~~(a) Enter upon the Permittee's premises where a permitted source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;~~

~~(b) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;~~

~~(c) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, inspect, at reasonable times, any facilities, equipment (including monitoring and~~

air pollution control equipment), practices, or operations regulated or required under this permit;

- (d) ~~As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and~~
- (e) ~~As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements.~~

B.18 ~~Transfer of Ownership or Operational Control [326 IAC 2-6.1-6]~~

- (a) ~~The Permittee must comply with the requirements of 326 IAC 2-6.1-6 whenever the Permittee seeks to change the ownership or operational control of the source and no other change in the permit is necessary.~~
- (b) ~~Any application requesting a change in the ownership or operational control of the source shall contain a written agreement containing a specific date for transfer of permit responsibility, coverage and liability between the current and new Permittee. The application shall be submitted to:~~

~~Indiana Department of Environmental Management
Permit Administration and Support Section, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2254~~

~~The application which shall be submitted by the Permittee does require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).~~

- (c) ~~The Permittee may implement notice-only changes addressed in the request for a notice-only change immediately upon submittal of the request.
[326 IAC 2-6.1-6(d)(3)]~~

B.19 ~~Annual Fee Payment [326 IAC 2-1.1-7]~~

- (a) ~~The Permittee shall pay annual fees due within thirty (30) calendar days of receipt of a bill from IDEM, OAQ,.~~
- (b) ~~The Permittee may call the following telephone numbers: 1-800-451-6027 or 317-233-4230 (ask for OAQ, Billing, Licensing, and Training Section), to determine the appropriate permit fee.~~

B.20 ~~Credible Evidence [326 IAC 1-1-6]~~

~~For the purpose of submitting compliance certifications or establishing whether or not the Permittee has violated or is in violation of any condition of this permit, nothing in this permit shall preclude the use, including the exclusive use, of any credible evidence or information relevant to whether the Permittee would have been in compliance with the condition of this permit if the appropriate performance or compliance test or procedure had been performed.~~

SECTION C SOURCE OPERATION CONDITIONS

Entire Source

~~Emission Limitations and Standards [326 IAC 2-6.1-5(a)(1)]~~

~~C.1 Particulate Emission Limitations For Processes with Process Weight Rates Less Than One Hundred (100) Pounds per Hour [326 IAC 6-3-2]~~

~~Pursuant to 326 IAC 6-3-2(e)(2), particulate emissions from any process not exempt under 326 IAC 6-3-1(b) or (c) which has a maximum process weight rate less than 100 pounds per hour and the methods in 326 IAC 6-3-2(b) through (d) do not apply shall not exceed 0.551 pounds per hour.~~

~~C.2 Permit Revocation [326 IAC 2-1.1-9]~~

~~Pursuant to 326 IAC 2-1.1-9 (Revocation of Permits), this permit to construct and operate may be revoked for any of the following causes:~~

~~(a) Violation of any conditions of this permit.~~

~~(b) Failure to disclose all the relevant facts, or misrepresentation in obtaining this permit~~

~~(c) Changes in regulatory requirements that mandate either a temporary or permanent reduction of discharge of contaminants. However, the amendment of appropriate sections of this permit shall not require revocation of this permit.~~

~~(d) Noncompliance with orders issued pursuant to 326 IAC 1-5 (Episode Alert Levels) to reduce emissions during an air pollution episode.~~

~~(e) For any cause which establishes in the judgment of IDEM, the fact that continuance of this permit is not consistent with purposes of this article.~~

~~C.3 Opacity [326 IAC 5-1]~~

~~Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary Alternative Opacity Limitations), opacity shall meet the following, unless otherwise stated in this permit:~~

~~(a) Opacity shall not exceed an average of forty percent (40%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.~~

~~(b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.~~

~~C.4 Open Burning [326 IAC 4-1] [IC 13-17-9]~~

~~The Permittee shall not open burn any material except as provided in 326 IAC 4-1-3, 326 IAC 4-1-4 or 326 IAC 4-1-6. The previous sentence notwithstanding, the Permittee may open burn in accordance with an open burning approval issued by the Commissioner under 326 IAC 4-1-4.1.~~

~~C.5 Incineration [326 IAC 4-2] [326 IAC 9-1-2]~~

~~The Permittee shall not operate an incinerator or incinerate any waste or refuse except as provided in 326 IAC 4-2 and 326 IAC 9-1-2.~~

~~C.6 Fugitive Dust Emissions [326 IAC 6-4]~~

~~The Permittee shall not allow fugitive dust to escape beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located, in a manner that would violate 326 IAC 6-4 (Fugitive Dust Emissions).~~

~~C.7 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61, Subpart M]~~

- ~~(a) Notification requirements apply to each owner or operator. If the combined amount of regulated asbestos-containing material (RACM) to be stripped, removed or disturbed is at least 260 linear feet on pipes or 160 square feet on other facility components, or at least thirty-five (35) cubic feet on all facility components, then the notification requirements of 326 IAC 14-10-3 are mandatory. All demolition projects require notification whether or not asbestos is present.~~
- ~~(b) The Permittee shall ensure that a written notification is sent on a form provided by the Commissioner at least ten (10) working days before asbestos stripping or removal work or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:~~
- ~~(1) When the amount of affected asbestos-containing material increases or decreases by at least twenty percent (20%); or~~
- ~~(2) If there is a change in the following:~~
- ~~(A) Asbestos removal or demolition start date;~~
- ~~(B) Removal or demolition contractor; or~~
- ~~(C) Waste disposal site.~~
- ~~(c) The Permittee shall ensure that the notice is postmarked or delivered according to the guidelines set forth in 326 IAC 14-10-3(2).~~
- ~~(d) The notice to be submitted shall include the information enumerated in 326 IAC 14-10-3(3).~~

All required notifications shall be submitted to:

Indiana Department of Environmental Management
Compliance and Enforcement Branch, Office of Air Quality
100 North Senate Avenue
MC 61-52 IGCN 1003
Indianapolis, Indiana 46204-2254

The notice shall include a signed certification from the owner or operator that the information provided in this notification is correct and that only Indiana licensed workers and project supervisors will be used to implement the asbestos removal project. The notifications do not require a certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- ~~(e) Procedures for Asbestos Emission Control~~
~~The Permittee shall comply with the applicable emission control procedures in 326 IAC 14-10-4 and 40 CFR 61.145(c). Per 326 IAC 14-10-1, emission control requirements are applicable for any removal or disturbance of RACM greater than~~

~~three (3) linear feet on pipes or three (3) square feet on any other facility components or a total of at least 0.75 cubic feet on all facility components.~~

- ~~(f) — Demolition and Renovation
The Permittee shall thoroughly inspect the affected facility or part of the facility where the demolition or renovation will occur for the presence of asbestos pursuant to 40 CFR 61.145(a).~~
- ~~(g) — Indiana Licensed Asbestos Inspector
The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Licensed Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos. The requirement to use an Indiana Licensed Asbestos inspector is not federally enforceable.~~

~~Testing Requirements [326 IAC 2-6.1-5(a)(2)]~~

~~C.8 — Performance Testing [326 IAC 3-6]~~

-
- ~~(a) — Compliance testing on new emissions units shall be conducted within 60 days after achieving maximum production rate, but no later than 180 days after initial start-up, if specified in Section D of this approval. All testing shall be performed according to the provisions of 326 IAC 3-6 (Source Sampling Procedures), except as provided elsewhere in this permit, utilizing any applicable procedures and analysis methods specified in 40 CFR 51, 40 CFR 60, 40 CFR 61, 40 CFR 63, 40 CFR 75, or other procedures approved by IDEM, OAQ.~~

~~A test protocol, except as provided elsewhere in this permit, shall be submitted to:~~

~~Indiana Department of Environmental Management
Compliance and Enforcement Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2254~~

~~no later than thirty five (35) days prior to the intended test date. The protocol submitted by the Permittee does not require certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).~~

- ~~(b) — The Permittee shall notify IDEM, OAQ of the actual test date at least fourteen (14) days prior to the actual test date. The notification submitted by the Permittee does not require certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).~~
- ~~(c) — Pursuant to 326 IAC 3-6-4(b), all test reports must be received by IDEM, OAQ not later than forty five (45) days after the completion of the testing. An extension may be granted by IDEM, OAQ if the Permittee submits to IDEM, OAQ a reasonable written explanation not later than five (5) days prior to the end of the initial forty five (45) day period.~~

~~Compliance Requirements [326 IAC 2-1.1-11]~~

~~C.9 — Compliance Requirements [326 IAC 2-1.1-11]~~

~~The commissioner may require stack testing, monitoring, or reporting at any time to assure compliance with all applicable requirements by issuing an order under 326 IAC 2-1.1-11. Any monitoring or testing shall be performed in accordance with 326 IAC 3 or other methods approved by the commissioner or the U. S. EPA.~~

~~Compliance Monitoring Requirements [326 IAC 2-6.1-5(a)(2)]~~

~~C.10 — Compliance Monitoring [326 IAC 2-1.1-11]~~

~~Compliance with applicable requirements shall be documented as required by this permit. The Permittee shall be responsible for installing any necessary equipment and initiating any required monitoring related to that equipment. All monitoring and record keeping requirements not already legally required shall be implemented when operation begins.~~

~~C.11 — Monitoring Methods [326 IAC 3] [40 CFR 60] [40 CFR 63]~~

~~Any monitoring or testing required by Section D of this permit shall be performed according to the provisions of 326 IAC 3, 40 CFR 60, Appendix A, 40 CFR 60, Appendix B, 40 CFR 63, or other approved methods as specified in this permit.~~

~~C.12 — Instrument Specifications [326 IAC 2-1.1-11]~~

- ~~(a) — When required by any condition of this permit, an analog instrument used to measure a parameter related to the operation of an air pollution control device shall have a scale such that the expected maximum reading for the normal range shall be no less than twenty percent (20%) of full scale.~~
- ~~(b) — The Permittee may request that the IDEM, OAQ approve the use of an instrument that does not meet the above specifications provided the Permittee can demonstrate that an alternative instrument specification will adequately ensure compliance with permit conditions requiring the measurement of the parameters.~~

~~Corrective Actions and Response Steps~~

~~C.13 — Response to Excursions or Exceedances~~

- ~~(a) — Upon detecting an excursion or exceedance, the Permittee shall restore operation of the emissions unit (including any control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable in accordance with good air pollution control practices for minimizing emissions.~~
- ~~(b) — The response shall include minimizing the period of any startup, shutdown or malfunction and taking any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). Corrective actions may include, but are not limited to, the following:~~
- ~~(1) — initial inspection and evaluation;~~
 - ~~(2) — recording that operations returned to normal without operator action (such as through response by a computerized distribution control system); or~~
 - ~~(3) — any necessary follow up actions to return operation to within the indicator range, designated condition, or below the applicable emission limitation or standard, as applicable.~~
- ~~(c) — A determination of whether the Permittee has used acceptable procedures in response to an excursion or exceedance will be based on information available, which may include, but is not limited to, the following:~~
- ~~(1) — monitoring results;~~

- ~~(2) — review of operation and maintenance procedures and records; and/or~~
- ~~(3) — inspectio of the control device, associated capture system, and the process.~~
- ~~(d) — Failure to take reasonable response steps shall be considered a deviation from the permit.~~
- ~~(e) — The Permittee shall maintain the following records:~~
 - ~~(1) — monitoring data;~~
 - ~~(2) — monitor performance data, if applicable; and~~
 - ~~(3) — corrective actions taken.~~

~~C.14 — Actions Related to Noncompliance Demonstrated by a Stack Test~~

- ~~(a) — When the results of a stack test performed in conformance with Section C- Performance Testing, of this permit exceed the level specified in any condition of this permit, the Permittee shall take appropriate response actions. The Permittee shall submit a description of these response actions to IDEM, OAQ, within thirty (30) days of receipt of the test results. The Permittee shall take appropriate action to minimize excess emissions from the affected facility while the response actions are being implemented.~~
- ~~(b) — A retest to demonstrate compliance shall be performed within one hundred twenty (120) days of receipt of the original test results. Should the Permittee demonstrate to IDEM, OAQ that retesting in one hundred twenty (120) days is not practicable, IDEM, OAQ may extend the retesting deadline.~~
- ~~(c) — IDEM, OAQ reserves the authority to take any actions allowed under law in response to noncompliant stack tests.~~

~~The response action documents submitted pursuant to this condition do require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).~~

~~Record Keeping and Reporting Requirements [326 IAC 2-6.1-5(a)(2)]~~

~~C.15 — Malfunctions Report [326 IAC 1-6-2]~~

~~Pursuant to 326 IAC 1-6-2 (Records; Notice of Malfunction):~~

- ~~(a) — A record of all malfunctions, including startups or shutdowns of any facility or emission control equipment, which result in violations of applicable air pollution control regulations or applicable emission limitations shall be kept and retained for a period of three (3) years and shall be made available to the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ) or appointed representative upon request.~~
- ~~(b) — When a malfunction of any facility or emission control equipment occurs which lasts more than one (1) hour, said condition shall be reported to OAQ, using the Malfunction Report Forms (2 pages). Notification shall be made by telephone or facsimile, as soon as practicable, but in no event later than four (4) daytime business hours after the beginning of said occurrence.~~
- ~~(c) — Failure to report a malfunction of any emission control equipment shall constitute a violation of 326 IAC 1-6, and any other applicable rules. Information of the~~

~~scope and expected duration of the malfunction shall be provided, including the items specified in 326 IAC 1-6-2(a)(1) through (6).~~

- ~~(d) Malfunction is defined as any sudden, unavoidable failure of any air pollution control equipment, process, or combustion or process equipment to operate in a normal and usual manner. [326 IAC 1-2-39]~~

~~C.16 General Record Keeping Requirements [326 IAC 2-6.1-5]~~

- ~~(a) Records of all required monitoring data, reports and support information required by this permit shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. These records shall be physically present or electronically accessible at the source location for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.~~
- ~~(b) Unless otherwise specified in this permit, all record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance or ninety (90) days of initial start-up, whichever is later.~~

~~C.17 General Reporting Requirements [326 IAC 2-1.1-11] [326 IAC 2-6.1-2] [IC 13-14-1-13]~~

- ~~(a) Reports required by conditions in Section D of this permit shall be submitted to:~~

~~Indiana Department of Environmental Management
Compliance and Enforcement Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2254~~

- ~~(b) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.~~
- ~~(c) Unless otherwise specified in this permit, all reports required in Section D of this permit shall be submitted within thirty (30) days of the end of the reporting period. All reports do require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).~~
- ~~(d) The first report shall cover the period commencing on the date of issuance of this permit or the date of initial start-up, whichever is later, and ending on the last day of the reporting period. Reporting periods are based on calendar years, unless otherwise specified in this permit. For the purpose of this permit, "calendar year" means the twelve (12) month period from January 1 to December 31 inclusive.~~

SECTION B GENERAL CONDITIONS

B.1 Definitions [326 IAC 2-1.1-1]

Terms in this permit shall have the definition assigned to such terms in the referenced regulation. In the absence of definitions in the referenced regulation, the applicable definitions found in the statutes or regulations (IC 13-11, 326 IAC 1-2 and 326 IAC 2-1.1-1) shall prevail.

B.2 Permit Term [326 IAC 2-6.1-7(a)][326 IAC 2-1.1-9.5][IC 13-15-3-6(a)]

- (a) This permit, M039-27104 00599, is issued for a fixed term of five (5) years from the issuance date of this permit, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3. Subsequent revisions, modifications, or amendments of this permit do not affect the expiration date of this permit.
- (b) If IDEM, OAQ, upon receiving a timely and complete renewal permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect, until the renewal permit has been issued or denied.

B.3 Term of Conditions [326 IAC 2-1.1-9.5]

Notwithstanding the permit term of a permit to construct, a permit to operate, or a permit modification, any condition established in a permit issued pursuant to a permitting program approved in the state implementation plan shall remain in effect until:

- (a) the condition is modified in a subsequent permit action pursuant to Title I of the Clean Air Act; or
- (b) the emission unit to which the condition pertains permanently ceases operation.

B.4 Enforceability

Unless otherwise stated, all terms and conditions in this permit, including any provisions designed to limit the source's potential to emit, are enforceable by IDEM, the United States Environmental Protection Agency (U.S. EPA) and by citizens in accordance with the Clean Air Act.

B.5 Severability

The provisions of this permit are severable; a determination that any portion of this permit is invalid shall not affect the validity of the remainder of the permit.

B.6 Property Rights or Exclusive Privilege

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

B.7 Duty to Provide Information

- (a) The Permittee shall furnish to IDEM, OAQ, within a reasonable time, any information that IDEM, OAQ may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. Upon request, the Permittee shall also furnish to IDEM, OAQ copies of records required to be kept by this permit.
- (b) For information furnished by the Permittee to IDEM, OAQ, the Permittee may include a claim of confidentiality in accordance with 326 IAC 17.1. When furnishing copies of requested records directly to U. S. EPA, the Permittee may assert a claim of confidentiality in accordance with 40 CFR 2, Subpart B.

B.8 Annual Notification [326 IAC 2-6.1-5(a)(5)]

- (a) An annual notification shall be submitted by an authorized individual to the Office of Air Quality stating whether or not the source is in operation and in compliance with the terms and conditions contained in this permit.
- (b) The annual notice shall be submitted in the format attached no later than March 1 of each year to:
- Indiana Department of Environmental Management
Compliance and Enforcement Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251
- (c) The notification shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.

B.9 Preventive Maintenance Plan [326 IAC 1-6-3]

- (a) If required by specific condition(s) in Section D of this permit, the Permittee shall prepare and maintain Preventive Maintenance Plans (PMPs) no later than ninety (90) days after issuance of this permit or ninety (90) days after initial start-up, whichever is later, including the following information on each facility:
- (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;
 - (2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and
 - (3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

If, due to circumstances beyond the Permittee's control, the PMPs cannot be prepared and maintained within the above time frame, the Permittee may extend the date an additional ninety (90) days provided the Permittee notifies:

Indiana Department of Environmental Management
Compliance and Enforcement Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

The Permittee shall implement the PMPs.

- (b) A copy of the PMPs shall be submitted to IDEM, OAQ upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or is the primary contributor

to an exceedance of any limitation on emissions.

- (c) To the extent the Permittee is required by 40 CFR Part 60/63 to have an Operation Maintenance, and Monitoring (OMM) Plan for a unit, such Plan is deemed to satisfy the PMP requirements of 326 IAC 1-6-3 for that unit.

B.10 Prior Permits Superseded [326 IAC 2-1.1-9.5]

- (a) All terms and conditions of permits established prior to M039-27104 00599 and issued pursuant to permitting programs approved into the state implementation plan have been either:

- (1) incorporated as originally stated,
- (2) revised, or
- (3) deleted.

- (b) All previous registrations and permits are superseded by this permit.

B.11 Termination of Right to Operate [326 IAC 2-6.1-7(a)]

The Permittee's right to operate this source terminates with the expiration of this permit unless a timely and complete renewal application is submitted at least one hundred twenty (120) days prior to the date of expiration of the source's existing permit, consistent with 326 IAC 2-6.1-7.

B.12 Permit Renewal [326 IAC 2-6.1-7]

- (a) The application for renewal shall be submitted using the application form or forms prescribed by IDEM, OAQ and shall include the information specified in 326 IAC 2-6.1-7. Such information shall be included in the application for each emission unit at this source. The renewal application does require an affirmation that the statements in the application are true and complete by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

Request for renewal shall be submitted to:

Indiana Department of Environmental Management
Permit Administration and Support Section, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

- (b) A timely renewal application is one that is:
- (1) Submitted at least one hundred twenty (120) days prior to the date of the expiration of this permit; and
 - (2) If the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.
- (c) If the Permittee submits a timely and complete application for renewal of

this permit, the source's failure to have a permit is not a violation of 326 IAC 2-6.1 until IDEM, OAQ takes final action on the renewal application, except that this protection shall cease to apply if, subsequent to the completeness determination, the Permittee fails to submit by the deadline specified, pursuant to 326 IAC 2-6.1-4(b), in writing by IDEM, OAQ any additional information identified as being needed to process the application.

B.13 Permit Amendment or Revision [326 IAC 2-5.1-3(e)(3)][326 IAC 2-6.1-6]

(a) Permit amendments and revisions are governed by the requirements of 326 IAC 2-6.1-6 whenever the Permittee seeks to amend or modify this permit.

(b) Any application requesting an amendment or modification of this permit shall be submitted to:

Indiana Department of Environmental Management
Permit Administration and Support Section, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

(c) The Permittee shall notify the OAQ no later than thirty (30) calendar days of implementing a notice-only change. [326 IAC 2-6.1-6(d)]

B.14 Source Modification Requirement

A modification, construction, or reconstruction is governed by the requirements of 326 IAC 2.

**B.15 Inspection and Entry
[326 IAC 2-5.1-3(e)(4)(B)][326 IAC 2-6.1-5(a)(4)][IC 13-14-2-2][IC 13-17-3-2][IC 13-30-3-1]**

Upon presentation of proper identification cards, credentials, and other documents as may be required by law, and subject to the Permittee's right under all applicable laws and regulations to assert that the information collected by the agency is confidential and entitled to be treated as such, the Permittee shall allow IDEM, OAQ, U.S. EPA, or an authorized representative to perform the following:

(a) Enter upon the Permittee's premises where a permitted source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;

(b) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;

(c) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, inspect, at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;

(d) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, sample or monitor, at reasonable times, substances or

parameters for the purpose of assuring compliance with this permit or applicable requirements; and

- (e) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements.

B.16 Transfer of Ownership or Operational Control [326 IAC 2-6.1-6]

- (a) The Permittee must comply with the requirements of 326 IAC 2-6.1-6 whenever the Permittee seeks to change the ownership or operational control of the source and no other change in the permit is necessary.
- (b) Any application requesting a change in the ownership or operational control of the source shall contain a written agreement containing a specific date for transfer of permit responsibility, coverage and liability between the current and new Permittee. The application shall be submitted to:

Indiana Department of Environmental Management
Permit Administration and Support Section, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

The application which shall be submitted by the Permittee does require an affirmation that the statements in the application are true and complete by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (c) The Permittee may implement notice-only changes addressed in the request for a notice-only change immediately upon submittal of the request. [326 IAC 2-6.1-6(d)(3)]

B.17 Annual Fee Payment [326 IAC 2-1.1-7]

- (a) The Permittee shall pay annual fees due no later than thirty (30) calendar days of receipt of a bill from IDEM, OAQ.
- (b) The Permittee may call the following telephone numbers: 1-800-451-6027 or 317-233-4230 (ask for OAQ, Billing, Licensing, and Training Section), to determine the appropriate permit fee.

B.18 Credible Evidence [326 IAC 1-1-6]

For the purpose of submitting compliance certifications or establishing whether or not the Permittee has violated or is in violation of any condition of this permit, nothing in this permit shall preclude the use, including the exclusive use, of any credible evidence or information relevant to whether the Permittee would have been in compliance with the condition of this permit if the appropriate performance or compliance test or procedure had been performed.

SECTION C SOURCE OPERATION CONDITIONS

Entire Source

Emission Limitations and Standards [326 IAC 2-6.1-5(a)(1)]

C.1 Particulate Emission Limitations For Processes with Process Weight Rates Less Than One Hundred (100) Pounds per Hour [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2(e)(2), particulate emissions from any process not exempt under 326 IAC 6-3-1(b) or (c) which has a maximum process weight rate less than 100 pounds per hour and the methods in 326 IAC 6-3-2(b) through (d) do not apply shall not exceed 0.551 pounds per hour.

C.2 Permit Revocation [326 IAC 2-1.1-9]

Pursuant to 326 IAC 2-1.1-9 (Revocation of Permits), this permit to operate may be revoked for any of the following causes:

- (a) Violation of any conditions of this permit.
- (b) Failure to disclose all the relevant facts, or misrepresentation in obtaining this permit.
- (c) Changes in regulatory requirements that mandate either a temporary or permanent reduction of discharge of contaminants. However, the amendment of appropriate sections of this permit shall not require revocation of this permit.
- (d) Noncompliance with orders issued pursuant to 326 IAC 1-5 (Episode Alert Levels) to reduce emissions during an air pollution episode.
- (e) For any cause which establishes in the judgment of IDEM, the fact that continuance of this permit is not consistent with purposes of this article.

C.3 Opacity [326 IAC 5-1]

Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-1 (Applicability) and 326 IAC 5-1-3 (Temporary Alternative Opacity Limitations), opacity shall meet the following, unless otherwise stated in this permit:

- (a) Opacity shall not exceed an average of forty percent (40%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.
- (b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.

C.4 Open Burning [326 IAC 4-1] [IC 13-17-9]

The Permittee shall not open burn any material except as provided in 326 IAC 4-1-3, 326 IAC 4-1-4 or 326 IAC 4-1-6. The previous sentence notwithstanding, the Permittee may open burn in accordance with an open burning approval issued by the Commissioner under 326 IAC 4-1-4.1.

C.5 Incineration [326 IAC 4-2] [326 IAC 9-1-2]

The Permittee shall not operate an incinerator except as provided in 326 IAC 4-2 or in this permit. The Permittee shall not operate a refuse incinerator or refuse burning equipment except as provided in 326 IAC 9-1-2 or in this permit.

C.6 Fugitive Dust Emissions [326 IAC 6-4]

The Permittee shall not allow fugitive dust to escape beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located, in a manner that would violate 326 IAC 6-4 (Fugitive Dust Emissions).

C.7 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61, Subpart M]

- (a) Notification requirements apply to each owner or operator. If the combined amount of regulated asbestos containing material (RACM) to be stripped, removed or disturbed is at least 260 linear feet on pipes or 160 square feet on other facility components, or at least thirty-five (35) cubic feet on all facility components, then the notification requirements of 326 IAC 14-10-3 are mandatory. All demolition projects require notification whether or not asbestos is present.
- (b) The Permittee shall ensure that a written notification is sent on a form provided by the Commissioner at least ten (10) working days before asbestos stripping or removal work or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:
- (1) When the amount of affected asbestos containing material increases or decreases by at least twenty percent (20%); or
- (2) If there is a change in the following:
- (A) Asbestos removal or demolition start date;
- (B) Removal or demolition contractor; or
- (C) Waste disposal site.
- (c) The Permittee shall ensure that the notice is postmarked or delivered according to the guidelines set forth in 326 IAC 14-10-3(2).
- (d) The notice to be submitted shall include the information enumerated in 326 IAC 14-10-3(3).

All required notifications shall be submitted to:

Indiana Department of Environmental Management
Compliance and Enforcement Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

The notice shall include a signed certification from the owner or operator that the information provided in this notification is correct and that only

Indiana licensed workers and project supervisors will be used to implement the asbestos removal project.

- (e) Procedures for Asbestos Emission Control**
The Permittee shall comply with the applicable emission control procedures in 326 IAC 14-10-4 and 40 CFR 61.145(c). Per 326 IAC 14-10-1, emission control requirements are applicable for any removal or disturbance of RACM greater than three (3) linear feet on pipes or three (3) square feet on any other facility components or a total of at least 0.75 cubic feet on all facility components.
- (f) Demolition and Renovation**
The Permittee shall thoroughly inspect the affected facility or part of the facility where the demolition or renovation will occur for the presence of asbestos pursuant to 40 CFR 61.145(a).
- (g) Indiana Licensed Asbestos Inspector**
The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Licensed Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos. The requirement to use an Indiana Licensed Asbestos inspector is not federally enforceable.

Testing Requirements [326 IAC 2-6.1-5(a)(2)]

C.8 Performance Testing [326 IAC 3-6]

- (a) For performance testing required by this permit, a test protocol, except as provided elsewhere in this permit, shall be submitted to:**

**Indiana Department of Environmental Management
Compliance and Enforcement Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251**

no later than thirty-five (35) days prior to the intended test date.
- (b) The Permittee shall notify IDEM, OAQ of the actual test date at least fourteen (14) days prior to the actual test date.**
- (c) Pursuant to 326 IAC 3-6-4(b), all test reports must be received by IDEM, OAQ not later than forty-five (45) days after the completion of the testing. An extension may be granted by IDEM, OAQ if the Permittee submits to IDEM, OAQ a reasonable written explanation not later than five (5) days prior to the end of the initial forty-five (45) day period.**

Compliance Requirements [326 IAC 2-1.1-11]

C.9 Compliance Requirements [326 IAC 2-1.1-11]

The commissioner may require stack testing, monitoring, or reporting at any time to assure compliance with all applicable requirements by issuing an order under 326 IAC 2-1.1-11. Any monitoring or testing shall be performed in accordance with 326 IAC 3 or other methods approved by the commissioner or the U. S. EPA.

Compliance Monitoring Requirements [326 IAC 2-6.1-5(a)(2)]

C.10 Compliance Monitoring [326 IAC 2-1.1-11]

Compliance with applicable requirements shall be documented as required by this permit. The Permittee shall be responsible for installing any necessary equipment and initiating any required monitoring related to that equipment. All monitoring and record keeping requirements not already legally required shall be implemented when operation begins.

C.11 Instrument Specifications [326 IAC 2-1.1-11]

- (a) When required by any condition of this permit, an analog instrument used to measure a parameter related to the operation of an air pollution control device shall have a scale such that the expected maximum reading for the normal range shall be no less than twenty percent (20%) of full scale.
- (b) The Permittee may request that the IDEM, OAQ approve the use of an instrument that does not meet the above specifications provided the Permittee can demonstrate that an alternative instrument specification will adequately ensure compliance with permit conditions requiring the measurement of the parameters.

Corrective Actions and Response Steps

C.12 Response to Excursions or Exceedances

Upon detecting an excursion where a response step is required by the D Section or an exceedance of a limitation in this permit:

- (a) The Permittee shall take reasonable response steps to restore operation of the emissions unit (including any control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable in accordance with good air pollution control practices for minimizing excess emissions.
- (b) The response shall include minimizing the period of any startup, shutdown or malfunction. The response may include, but is not limited to, the following:
 - (1) initial inspection and evaluation;
 - (2) recording that operations returned or are returning to normal without operator action (such as through response by a computerized distribution control system); or
 - (3) any necessary follow-up actions to return operation to normal or usual manner of operation.
- (c) A determination of whether the Permittee has used acceptable procedures in response to an excursion or exceedance will be based on information available, which may include, but is not limited to, the following:
 - (1) monitoring results;

- (2) review of operation and maintenance procedures and records;
and/or
- (3) inspection of the control device, associated capture system, and
the process.
- (d) Failure to take reasonable response steps shall be considered a deviation
from the permit.
- (e) The Permittee shall record the reasonable response steps taken.

C.13 Actions Related to Noncompliance Demonstrated by a Stack Test

- (a) When the results of a stack test performed in conformance with Section C -
Performance Testing, of this permit exceed the level specified in any
condition of this permit, the Permittee shall submit a description of its
response actions to IDEM, OAQ, no later than seventy-five (75) days after
the date of the test.
- (b) A retest to demonstrate compliance shall be performed no later than one
hundred eighty (180) days after the date of the test. Should the Permittee
demonstrate to IDEM, OAQ that retesting in one hundred eighty (180) days
is not practicable, IDEM, OAQ may extend the retesting deadline
- (c) IDEM, OAQ reserves the authority to take any actions allowed under law in
response to noncompliant stack tests.

Record Keeping and Reporting Requirements [326 IAC 2-6.1-5(a)(2)]

C.14 Malfunctions Report [326 IAC 1-6-2]

Pursuant to 326 IAC 1-6-2 (Records; Notice of Malfunction):

- (a) A record of all malfunctions, including startups or shutdowns of any facility
or emission control equipment, which result in violations of applicable air
pollution control regulations or applicable emission limitations shall be
kept and retained for a period of three (3) years and shall be made available
to the Indiana Department of Environmental Management (IDEM), Office of
Air Quality (OAQ) or appointed representative upon request.
- (b) When a malfunction of any facility or emission control equipment occurs
which lasts more than one (1) hour, said condition shall be reported to
OAQ, using the Malfunction Report Forms (2 pages). Notification shall be
made by telephone or facsimile, as soon as practicable, but in no event
later than four (4) daytime business hours after the beginning of said
occurrence.
- (c) Failure to report a malfunction of any emission control equipment shall
constitute a violation of 326 IAC 1-6, and any other applicable rules.
Information of the scope and expected duration of the malfunction shall be
provided, including the items specified in 326 IAC 1-6-2(a)(1) through (6).
- (d) Malfunction is defined as any sudden, unavoidable failure of any air
pollution control equipment, process, or combustion or process equipment
to operate in a normal and usual manner. [326 IAC 1-2-39]

C.15 General Record Keeping Requirements [326 IAC 2-6.1-5]

- (a) Records of all required monitoring data, reports and support information required by this permit shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. These records shall be physically present or electronically accessible at the source location for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.
- (b) Unless otherwise specified in this permit, for all record keeping requirements not already legally required, the Permittee shall be allowed up to ninety (90) days from the date of permit issuance or the date of initial start-up, whichever is later, to begin such record keeping.

C.16 General Reporting Requirements [326 IAC 2-1.1-11] [326 IAC 2-6.1-2] [IC 13-14-1-13]

- (a) Reports required by conditions in Section D of this permit shall be submitted to:
- Indiana Department of Environmental Management
Compliance and Enforcement Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251
- (b) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.
- (c) The first report shall cover the period commencing on the date of issuance of this permit or the date of initial start-up, whichever is later, and ending on the last day of the reporting period. Reporting periods are based on calendar years, unless otherwise specified in this permit. For the purpose of this permit, "calendar year" means the twelve (12) month period from January 1 to December 31 inclusive.

...
D.1.42 Particulate [326 IAC 6-3-2]

...
D.1.23 Preventive Maintenance Plan [326 IAC 1-6-3]

A Preventive Maintenance Plan, ~~in accordance with~~ **is required for these facilities and their control devices.** Section B - Preventive Maintenance Plan, ~~of this permit, is required for these facilities and their control devices~~ **contains the Permittee's obligation with regard to the preventive maintenance plan required by this condition.**

D.1.34 PM, and PM10, and PM2.5 Control

- (a) In order to comply with Conditions D.1.1 and D.1.2, the baghouses for particulate control shall be in operation and control emissions from the woodworking operations at all times that the woodworking operations are in operation.

- (b) In the event that bag failure is observed in a multi-compartment baghouse, if operations will continue for ten (10) days or more after the failure is observed before the failed units will be repaired or replaced, the Permittee shall promptly notify the IDEM, OAQ of the expected date the failed units will be repaired or replaced. The notification shall also include the status of the applicable compliance monitoring parameters with respect to normal, and the results of any response actions taken up to the time of notification.

D.1.45 Visible Emissions Notations

- ...
(e) ~~Section C – Response to Excursions or Exceedances, of this permit, shall contain troubleshooting contingency and response steps for when an abnormal emission is observed. Failure to take response steps in accordance with Section C – Response to Excursions or Exceedances shall be considered a deviation from this permit.~~ **If abnormal emissions are observed, the Permittee shall take a reasonable response steps. Section C – Response to Excursions and Exceedances contains the Permittee’s obligation with regard to the reasonable response steps required by this condition. Failure to take response steps shall be considered a deviation from this permit.**

D.1.56 Baghouse Inspections

An inspection shall be performed each calendar quarter of all bags controlling the woodworking operations. ~~Inspections required by this condition shall not be performed in consecutive months.~~ All defective bags shall be replaced.

D.1.67 Broken or Failed Bag Detection

~~In the event that bag failure has been observed:~~

- (a) ~~In the event that bag failure is observed in a multi-compartment baghouse, if operations will continue for ten (10) days or more after the failure is observed before the failed units will be repaired or replaced, the Permittee shall promptly notify the IDEM, OAQ of the expected date the failed units will be repaired or replaced. The notification shall also include the status of the applicable compliance monitoring parameters with respect to normal, and the results of any response actions taken up to the time of notification.~~
- (ba) ...
- (cb) ...

D.1.78 Record Keeping Requirements

- (a) To document **the compliance status** with Condition D.1.45, the Permittee shall maintain records of daily visible emission notations of the baghouse stack exhausts. **The Permittee shall include in its daily record when a reading is not taken and the reason for the lack of a reading (e.g., the process did not operate that day).**
- (b) To document **the compliance status** with Condition D.1.56, the Permittee shall maintain records of the results of the inspections required under Condition D.1.56.
- (c) ~~All records shall be maintained in accordance with Section C – General Record Keeping Requirements, of this permit.~~ **Section C - General Record Keeping**

Requirements of this permit contains the Permittee's obligations with regard to the records required by this condition.

...

D.2.2 Preventive Maintenance Plan [326 IAC 1-6-3]

~~A Preventive Maintenance Plan, in accordance with~~ **is required for these facilities.**
~~Section B - Preventive Maintenance Plan, of this permit, is required for these facilities and their control devices~~ **contains the Permittee's obligation with regard to the preventive maintenance plan required by this condition.**

...

D.2.4 Record Keeping Requirements

(a) To document **the compliance status** with Condition D.2.1, the Permittee shall maintain records in accordance with (1) through (4) below. Records maintained for (1) through (4) shall be taken monthly and shall be complete and sufficient to establish compliance with the VOC emission limit established in Condition D.2.1. Records necessary to demonstrate compliance shall be available within 30 days of the end of each compliance period.

...

(b) ~~All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.~~ **Section C - General Record Keeping Requirements of this permit contains the Permittee's obligations with regard to the records required by this condition.**

...

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY**

**MINOR SOURCE OPERATING PERMIT (MSOP)
CERTIFICATION**

Source Name: _____ Patrick Industries, Inc.
Source Address: _____ 28163 County Rd. 20 West, Elkhart, Indiana 46515
Mailing Address: _____ 107 W. Franklin St., Elkhart, IN 46516
MSOP No.: _____ M039-27104-00599 _____

~~This certification shall be included when submitting monitoring, testing reports/results or other documents as required by this permit.~~

~~— Please check what document is being certified:~~

~~Annual Compliance Certification Letter~~

~~Test Result (specify) _____~~

~~Report (specify) _____~~

~~Notification (specify) _____~~

~~Affidavit (specify) _____~~

~~Other (specify) _____~~

I certify that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
Signature:
Printed Name:
Title/Position:
Date:

All other conditions of the permit shall remain unchanged and in effect.

Conclusion and Recommendation

Unless otherwise stated, information used in this review was derived from the application and additional information submitted by the applicant. An application for the purposes of this review was received on September 12, 2011. Additional information was received on October 19, 2011; November 16, 2011; and December 9, 2011.

The construction and operation of this proposed revision shall be subject to the conditions of the attached proposed MSOP Significant Permit Revision No. 039-30904-00599. The staff recommends to the Commissioner that this MSOP Significant Permit Revision be approved.

IDEM Contact

- (a) Questions regarding this proposed permit can be directed to Christine L. Filutze at the Indiana Department Environmental Management, Office of Air Quality, Permits Branch, 100 North Senate Avenue, MC 61-53 IGCM 1003, Indianapolis, Indiana 46204-2251 or by telephone at (317) 233-8397 or toll free at 1-800-451-6027 extension 3-8397.
- (b) A copy of the findings is available on the Internet at: <http://www.in.gov/ai/appfiles/idem-caats/>
- (c) For additional information about air permits and how the public and interested parties can participate, refer to the IDEM's Guide for Citizen Participation and Permit Guide on the Internet at: www.in.gov/idem

**Appendix A: Emission Calculations
Potential Emissions Summary - BEFORE Revision**

**Company Name: Patrick Industries, Inc.
Address: 28163 CR 20 W, Elkhart, IN 46515
Permit Number: M039-27104-00599
Revision Number: 039-30904-00599
Reviewer: Christine L. Filutze
Date: February 14, 2012**

Before Revision

Unlimited:

Emissions Unit	PM	PM10	PM2.5	SO2	VOC	CO	NOx	GHG's	Single HAP	Total HAPs
Woodworking Operation	2,947.11	2,947.11	2,947.11	0.00	0.00	0.00	0.00	0	0.00	0.00
Roll Coat Paint Line RC-01	0.00	0.00	0.00	0.00	8.64	0.00	0.00	0	0.02	Xylene 0.02
Roll Coat Counter Top CT1	0.00	0.00	0.00	0.00	1.74	0.00	0.00	0	1.16	Methanol 1.40
Natural Gas Combustion	0.13	0.52	0.52	0.04	0.38	5.79	6.90	8,329	0.12	Hexane 0.13
Laminating Processes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00
Adhesive Coating Booth P3-1	0.26	0.26	0.26	0.00	0.01	0.00	0.00	0	0.00	0.00
Total	2947.51	2947.90	2947.90	0.04	10.77	5.79	6.90	8,329	1.16	Methanol 1.55

Unlimited with Integral for Woodworking:

Emissions Unit	PM	PM10	PM2.5	SO2	VOC	CO	NOx	GHG's	Single HAP	Total HAPs
Woodworking Operation	2.95	2.95	2.95	0.00	0.00	0.00	0.00	0	0.00	0.00
Roll Coat Paint Line RC-01	0.00	0.00	0.00	0.00	8.64	0.00	0.00	0	0.02	Xylene 0.02
Roll Coat Counter Top CT1	0.00	0.00	0.00	0.00	1.74	0.00	0.00	0	1.16	Methanol 1.40
Natural Gas Combustion	0.13	0.52	0.52	0.04	0.38	5.79	6.90	8,329	0.12	Hexane 0.13
Laminating Processes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00
Adhesive Coating Booth P3-1	0.26	0.26	0.26	0.00	0.01	0.00	0.00	0	0.00	0.00
Total	3.34	3.73	3.73	0.04	10.77	5.79	6.90	8,329	1.16	Methanol 1.55

Note: The previous permit listed after integral controls for PM/PM10/PM2.5, but did not have any PSD limits in the calcs or permit.

**Appendix A: Emission Calculations
Potential Emissions Summary - AFTER Revision**

Company Name: Patrick Industries, Inc.
Address: 28163 CR 20 W, Elkhart, IN 46515
Permit Number: M039-27104-00599
Revision Number: 039-30904-00599
Reviewer: Christine L. Filutze
Date: February 14, 2012

After Revision

Unlimited (without the consideration of integral control)

Emissions Unit	PM	PM10	PM2.5	SO2	NOx	VOC	CO	GHG's	Single HAP	Total HAPs
Woodworking Operation	2,947.11	2,947.11	2,947.11	0.00	0.00	0.00	0.00	0	0.00	0.00
Roll Coat Paint Line RC-01	0.00	0.00	0.00	0.00	0.00	8.64	0.00	0	0.02 Xylene	0.02
Roll Coat Counter Top CT1	0.00	0.00	0.00	0.00	0.00	1.74	0.00	0	1.16 Methanol	1.40
Coating Booth B1 - Stain	0.16	0.16	0.16	0.00	0.00	10.92	0.00	0	0.00	0.00
Coating Booth B1 - Sealer/Topcoat	4.71	4.71	4.71	0.00	0.00	41.31	0.00	0	0.00	0.00
Coating Booth B3/B4	1.08	1.08	1.08	0.00	0.00	7.60	0.00	0	0.14 Glycol	0.14
Coating Booth B5	4.52	4.52	4.52	0.00	0.00	3.41	0.00	0	0.00	0.00
Coating Booth B6	1.44	1.44	1.44	0.00	0.00	10.16	0.00	0	0.19 Glycol	0.19
Cleanup (Booths B1, B3/B4, B5, B6)	0.00	0.00	0.00	0.00	0.00	11.71	0.00	0	2.43 Toluene	2.43
Natural Gas Combustion	0.19	0.74	0.74	0.06	9.75	0.54	8.19	11,773	0.18 Hexane	0.18
Laminating Processes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00
Adhesive Coating Booth P3-1	0.26	0.26	0.26	0.00	0.00	0.01	0.00	0	0.00	0.00
Total	2959.47	2960.03	2960.03	0.06	9.75	96.03	8.19	11,773	2.60 Toluene	4.36

Limited*

Emissions Unit	PM	PM10	PM2.5	SO2	NOx	VOC	CO	GHG's	Single HAP	Total HAPs
Woodworking Operation*	117.88	44.21	44.21	0.00	0.00	0.00	0.00	0	0.00	0.00
Roll Coat Paint Line RC-01	0.00	0.00	0.00	0.00	0.00	8.64	0.00	0	0.02 Xylene	0.02
Roll Coat Counter Top CT1	0.00	0.00	0.00	0.00	0.00	1.74	0.00	0	1.16 Methanol	1.40
Coating Booth B1 - Stain	0.16	0.16	0.16	0.00	0.00	10.92	0.00	0	0.00	0.00
Coating Booth B1 - Sealer/Topcoat	4.71	4.71	4.71	0.00	0.00	41.31	0.00	0	0.00	0.00
Coating Booth B3/B4	1.08	1.08	1.08	0.00	0.00	7.60	0.00	0	0.14 Glycol	0.14
Coating Booth B5	4.52	4.52	4.52	0.00	0.00	3.41	0.00	0	0.00	0.00
Coating Booth B6	1.44	1.44	1.44	0.00	0.00	10.16	0.00	0	0.19 Glycol	0.19
Cleanup (Booths B1, B3/B4, B5, B6)	0.00	0.00	0.00	0.00	0.00	11.71	0.00	0	2.43 Toluene	2.43
Natural Gas Combustion	0.19	0.74	0.74	0.06	9.75	0.54	8.19	11,773	0.18 Hexane	0.18
Laminating Processes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00
Adhesive Coating Booth P3-1	0.26	0.26	0.26	0.00	0.00	0.01	0.00	0	0.00	0.00
Total	130.24	57.12	57.12	0.06	9.75	96.03	8.19	11,773	2.60 Toluene	4.36

*In October 1993 a Final Order Granting Summary Judgment was signed by Administrative Law Judge ("ALJ") Garretson resolving an appeal filed by Kimball Hospitality Furniture Inc. (Cause Nos. 92-A-J-730 and 92-A-J-833) related to the method by which IDEM calculated potential emissions from woodworking operations. In his findings, the ALJ determined that particulate controls are necessary for the facility to produce its normal product and are integral to the normal operation of the facility, and therefore, potential emissions should be calculated after controls. Based on this ruling, potential emissions for particulate matter were calculated after consideration of the controls for determining operating permit level purposes. However, for purposes of determining the applicability of Prevention of Significant Deterioration (PSD) and 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), potential particulate matter emissions from the woodworking operations were calculated before consideration of the controls.

Under the Part 70 Permit program (40 CFR 70), particulate matter with an aerodynamic diameter less than or equal to a nominal 10 micrometers (PM10), not particulate matter (PM), is considered as a "regulated air pollutant".

**Appendix A: Emission Calculations
PM, PM10, and PM2.5 Emissions
Woodworking Operations**

Company Name: Patrick Industries, Inc.
Address: 28163 CR 20 W, Elkhart, IN 46515
Permit Number: M039-27104-00599
Revision Number: 039-30904-00599
Reviewer: Christine L. Filutze
Date: February 14, 2012

Stack ID	Control Device*	Outlet Grain Loading (gr/dscf)	Maximum Air Flow Rate (scfm)	Control Efficiency (%)	PTE of PM/PM10/PM2.5 After Control (lbs/hr)	PTE of PM/PM10/PM2.5 After Control (tons/yr)	PTE of PM/PM10/PM2.5 Before Control (lbs/hr)	PTE of PM/PM10/PM2.5 Before Control (tons/yr)	PM PSD Limits			PM10/PM2.5 PSD Limits		
									Control Efficiency (%)	lb/hr	ton/yr	Control Efficiency (%)	lb/hr	ton/yr
S1	Baghouse	0.0006	30,000	99.9%	0.15	0.68	154.29	675.77	96.0%	6.17	27.03	98.5%	2.31	10.14
S2	Baghouse	0.0007	23,000	99.9%	0.14	0.60	138.00	604.44	96.0%	5.52	24.18	98.5%	2.07	9.07
S3	Baghouse	0.0003	43,000	99.9%	0.11	0.48	110.57	484.30	96.0%	4.42	19.37	98.5%	1.66	7.26
S4	Baghouse	0.001	13,500	99.9%	0.12	0.51	115.71	506.83	96.0%	4.63	20.27	98.5%	1.74	7.60
S5	Baghouse	0.0006	30,000	99.9%	0.15	0.68	154.29	675.77	96.0%	6.17	27.03	98.5%	2.31	10.14
Total						2.95		2,947.11			117.88			44.21

PM emissions are assumed to be equal to PM10 and PM2.5 emissions.

*The baghouses controlling PM/PM10/PM2.5 emissions are considered to be integral to the process.

Methodology

PTE of PM/PM10/PM2.5 after Control (lbs/hr) = Grain Loading (gr/dscf) x Max. Air Flow Rate (scfm) x 60 mins/hr x 1/7000 lb/gr

PTE of PM/PM10/PM2.5 after Control (tons/yr) = Grain Loading (gr/dscf) x Max. Air Flow Rate (scfm) x 60 mins/hr x 1/7000 lb/gr x 8760 hr/yr x 1 ton/2000 lbs

PTE of PM/PM10/PM2.5 before Control (lbs/hr) = PTE of PM/PM10 after Control (lbs/hr) / (1 - Control Efficiency)

PTE of PM/PM10/PM2.5 before Control (tons/yr) = PTE of PM/PM10 after Control (lbs/hr) / (1 - Control Efficiency)

**Appendix A: Emissions Calculations
VOC and Particulate
From Surface Coating Operations**

Company Name: Patrick Industries, Inc.
Address: 28163 CR 20 W, Elkhart, IN 46515
Permit Number: M039-27104-00599
Revision Number: 039-30904-00599
Reviewer: Christine L. Filutze
Date: February 14, 2012

Roll Coat Paint Line RC-01																		
Material	Density (Lb/Gal)	Weight % Volatile (H2O & Organics)	Weight % Water	Weight % Organics	Volume % Water	Volume % Non-Volatiles (solids)	Gal of Mat. (gal/unit)	Maximum (unit/hour)	Pounds VOC per gallon of coating less water	Pounds VOC per gallon of coating	Potential VOC pounds per hour	Potential VOC pounds per day	Potential VOC tons per year	Particulate Potential (ton/yr)	lb VOC/gal solids	Transfer Efficiency		
Light Maple Basecoat	11.6	49.60%	49.0%	0.6%	68.1%	31.10%	0.03	75,000	0.22	0.07	0.16	3.75	0.68	0.00	0.22	100%		
Light Maple Ink	8.7	85.20%	80.5%	4.7%	84.1%	10.50%	0.004	75,000	2.57	0.41	0.12	2.95	0.54	0.00	3.90	100%		
Low Glow W/B Topcoat	8.7	62.50%	50.8%	11.7%	52.6%	32.50%	0.02	75,000	2.15	1.02	1.53	36.69	6.70	0.00	3.14	100%		
UV Ultraculture	9.5	1.50%	0.3%	1.2%	0.4%	100.00%	0.00020	7200.000	0.11	0.11	0.16	3.95	0.72	0.00	0.11	100%		
1.97													47.33		8.64		0.00	
Roll Coat Counter Top Manufacturing Process #1																		
Material	Density (Lb/Gal)	Weight % Volatile (H2O & Organics)	Weight % Water	Weight % Organics	Volume % Water	Volume % Non-Volatiles (solids)	Gal of Mat. (gal/unit)	Maximum (unit/hour)	Pounds VOC per gallon of coating less water	Pounds VOC per gallon of coating	Potential VOC pounds per hour	Potential VOC pounds per day	Potential VOC tons per year	Particulate Potential (ton/yr)	lb VOC/gal solids	Transfer Efficiency		
Lacquer Thinner	6.6	99.98%	76.0%	24.0%	76.0%	0.02%	0.08	1,000	6.59	1.58	0.13	3.13	0.57	0.00	7910.10	100%		
Denatured Alcohol	6.7	100.00%	0.0%	100.0%	0.0%	0.00%	0.028	1,000	6.74	6.74	0.19	4.45	0.81	0.00	n/a	100%		
Contact Cement	6.6	31.00%	0.0%	31.0%	0.0%	69.00%	0.04	1,000	2.06	2.06	0.08	1.98	0.36	0.00	2.98	100%		
0.40													9.56		1.74		0.00	
Spray Coat Counter Top Manufacturing Process #2																		
Material	Density (Lb/Gal)	Weight % Volatile (H2O & Organics)	Weight % Water	Weight % Organics	Volume % Water	Volume % Non-Volatiles (solids)	Gal of Mat. (gal/unit)	Maximum (unit/hour)	Pounds VOC per gallon of coating less water	Pounds VOC per gallon of coating	Potential VOC pounds per hour	Potential VOC pounds per day	Potential VOC tons per year	Particulate Potential (ton/yr)	lb VOC/gal solids	Transfer Efficiency		
Booth B1																		
SN80 M-7728 Stain	6.6	94.42%	0.0%	94.4%	0.0%	3.37%	0.02000	20,000	6.23	6.23	2.49	59.82	10.92	0.16	184.92	75%		
NM5212-0090F Sealer/Topcoat	7.8	68.70%	0.0%	68.7%	0.0%	23.95%	0.08800	20,000	5.36	5.36	9.43	226.35	41.31	4.71	22.37	75%		
B1 Cleaner																		
Best Grade Lacquer - Cleanup	7.0	100.00%	0.0%	100.0%	0.0%	0.00%	0.00160	20,000	7.00	7.00	0.22	5.38	0.98	0.00	n/a	100%		
Booth B3 and B4																		
Gray Base 7544.601	8.60	69.53%	15.75%	53.78%	16.24%	28.30%	0.12500	3,000	5.52	4.63	1.73	41.63	7.60	1.08	16.34	75%		
B3 and B4 Cleaner																		
Best Grade Lacquer - Cleanup	7.0	100.00%	0.0%	100.0%	0.0%	0.00%	0.05000	3,000	7.00	7.00	1.05	25.20	4.60	0.00	n/a	100%		
Booth B6																		
Gray Base 7544.601	8.6	69.53%	15.8%	53.8%	16.2%	28.30%	0.12500	4,000	5.54	4.64	2.32	55.69	10.16	1.44	16.40	75%		
B6 Cleaner																		
Best Grade Lacquer - Cleanup	7.0	100.00%	0.0%	100.0%	0.0%	0.00%	0.05000	4,000	7.00	7.00	1.40	33.60	6.13	0.00	n/a	100%		
18.65													447.67		81.70		7.38	
Spray Coat Booth B5																		
Material	Density (Lb/Gal)	Weight % Volatile (H2O & Organics)	Weight % Water	Weight % Organics	Volume % Water	Volume % Non-Volatiles (solids)	Gal of Mat. (gal/unit)	Maximum (unit/hour)	Pounds VOC per gallon of coating less water	Pounds VOC per gallon of coating	Potential VOC pounds per hour	Potential VOC pounds per day	Potential VOC tons per year	Particulate Potential (ton/yr)	lb VOC/gal solids	Transfer Efficiency		
Booth B5																		
L/G Black SB-386	8.6	70.20%	65.5%	4.7%	67.8%	25.66%	0.25000	4,000	1.26	0.41	0.41	9.73	1.78	2.82	1.58	75%		
WB Glaze WB - 1628	8.3	87.13%	81.2%	5.9%	0.0%	12.09%	0.06260	4,000	0.49	0.49	0.12	2.95	0.54	0.29	4.06	75%		
Acetone/IPA 50% Volume Mix	6.6	100.00%	50.2%	49.8%	50.0%	0.00%	0.01560	4,000	6.57	3.29	0.21	4.92	0.90	0.00	n/a	75%		
H/G Supertuff Floor Topcoat	8.6	69.92%	68.9%	1.0%	71.2%	21.04%	0.12500	4,000	0.30	0.09	0.04	1.05	0.19	1.42	0.42	75%		
B5 Cleanup																		
Acetone - Cleanup	6.6	100.00%	100.0%	0.0%	0.0%	0.00%	0.06250	4,000	0.00	0.00	0.00	0.00	0.00	0.00	n/a	100%		
1.78													2.82		0.00			

The material used in Booth B5 contains no HAPs

METHODOLOGY

Pounds of VOC per Gallon Coating less Water = (Density (lb/gal) * Weight % Organics) / (1-Volume % water)
Pounds of VOC per Gallon Coating = (Density (lb/gal) * Weight % Organics)
Potential VOC Pounds per Hour = Pounds of VOC per Gallon coating (lb/gal) * Gal of Material (gal/unit) * Maximum (units/hr)
Potential VOC Pounds per Day = Pounds of VOC per Gallon coating (lb/gal) * Gal of Material (gal/unit) * Maximum (units/hr) * (24 hr/day)
Potential VOC Tons per Year = Pounds of VOC per Gallon coating (lb/gal) * Gal of Material (gal/unit) * Maximum (units/hr) * (8760 hrs/yr) * (1 ton/2000 lbs)
Particulate Potential Tons per Year = (units/hour) * (gal/unit) * (lbs/gal) * (1-Weight % Volatiles) * (1-Transfer efficiency) *(8760 hrs/yr) *(1 ton/2000 lbs)
Pounds VOC per Gallon of Solids = (Density (lbs/gal) * Weight % organics) / (Volume % solids)
Total = Worst Coating + Sum of all solvents used

**Appendix A: Emission Calculations
HAP Emission Calculations**

**Company Name: Patrick Industries, Inc.
Address: 28163 CR 20 W, Elkhart, IN 46515
Permit Number: M039-27104-00599
Revision Number: 039-30904-00599
Reviewer: Christine L. Filutze
Date: February 14, 2012**

Roll Coat Paint Line RC-01

Material	Density (Lb/Gal)	Gallons of Material (gal/unit)	Maximum (unit/hour)	Weight % Xylene	Weight % Isopropyl Benzene	Weight % Methyl Alcohol	Xylene Emissions (ton/yr)	Isopropyl Benzene Emissions (ton/yr)	Methyl Alcohol Emissions (ton/yr)			Total HAP (ton/yr)
Light Maple Basecoat	11.6	0.03	75.000	0.01%	0.004%	0.00%	0.01	0.00	0.00			0.02
Light Maple Ink	8.7	0.004	75.000	0.00%	0.00%	0.00%	0.00	0.00	0.00			0.00
Low Gloww W/B Topcoat	8.7	0.02	75.000	0.00%	0.00%	0.00%	0.00	0.00	0.00			0.00
UV Ultraculture	9.5	0.00020	7200.000	0.01%	0.002%	0.00%	0.01	0.00	0.00			0.01
							0.02	0.01	0.00			0.03

Roll Coat Counter Top Manufacturing Process #1

Material	Density (Lb/Gal)	Gallons of Material (gal/unit)	Maximum (unit/hour)	Weight % Hexane	Weight % Methanol	Weight % Toluene	Hexane Emissions (ton/yr)	Methanol Emissions (ton/yr)	Toluene Emissions (ton/yr)			Total HAP (ton/yr)
Lacquer Thinner	6.6	0.08	1.000	0.01%	35.00%	0.00%	0.00	0.83	0.00			0.83
Denatured Alcohol	6.7	0.028	1.000	0.00%	4.70%	0.00%	0.00	0.04	0.00			0.04
Contact Cement	6.6	0.04	1.000	5.00%	25.00%	15.00%	0.06	0.29	0.17			0.52
							0.06	1.16	0.17			1.40

Spray Coat Counter Top Manufacturing Process #2

Material	Density (Lb/Gal)	Gallons of Material (gal/unit)	Maximum (unit/hour)	Weight % Glycol	Weight % Toluene		Glycol Emissions (ton/yr)	Toluene Emissions (ton/yr)				Total HAP (ton/yr)
Booth B1												
SN80 M-7728 Stain	6.6	0.02000	20.000	0.00%	0.00%		0.00	0.00				0.00
NM5212-0090F Sealer/Topcoat	7.8	0.08800	20.000	0.00%	0.00%		0.00	0.00				0.00
Best Grade Lacquer - Cleanup	7.00	0.001600	20.00	0.00%	21.00%		0.00	0.21				0.21
Booth B3 and B4												
Gray Base 7544.601 (B3/B4)	8.60	0.1250	3.00	1.00%	0.00%		0.14	0.00				0.14
Best Grade Lacquer - Cleanup (B3/B4)	7.00	0.0500	3.00	0.00%	20.71%		0.00	0.95				0.95
Booth B6												
Gray Base 7544.601 (B6)	8.6	0.125	4.00	1.00%	0.00%		0.19	0.00				0.19
Best Grade Lacquer - Cleanup (B6)	7.00	0.050	4.00	0.00%	20.71%		0.00	1.27				1.27
							0.33	2.43				2.76

The material used in Booth B5 contains no HAPs

Methodology

HAPS emission rate (tons/yr) = Density (lb/gal) * Gal of Material (gal/unit) * Maximum (unit/hr) * Weight % HAP * 8760 hrs/yr * 1 ton/2000 lbs

**Appendix A: Emissions Calculations
Natural Gas Combustion Only
MM BTU/HR <100**

**Company Name: Patrick Industries, Inc.
Address: 28163 CR 20 W, Elkhart, IN 46515
Permit Number: M039-27104-00599
Revision Number: 039-30904-00599
Reviewer: Christine L. Filutze
Date: February 14, 2012**

MMBtu/hr	Emission Units
12.0	Eight (8) infrared tube heaters (Bldg 1)
0.06	Six (6) Vac tube heaters (Bldg 1)
0.24	Two (2) Bard furnaces (Bldg 1)
0.8	Eight (8) infrared tube heaters (Bldg 2)
0.25	Two (2) infrared tube heaters (Bldg 2)
1.2	Six (6) infrared tube heaters (Bldg 2)
1.2	One (1) curing oven (RC-01)
0.3	One (1) air makeup unit (AM1 Plant 1)
4.0	Sixteen (16) space heaters (H1-H16)
1.7	Ten (10) space heaters (H17-H26)
0.3	Five (5) space heaters (H27-H31)
0.213	One (1) air makeup unit (AM1 Plant 2)

Heat Input Capacity MMBtu/hr	HHV mmBtu mmscf	Potential Throughput MMCF/yr
22.3	1000	195.0

Emission Factor in lb/MMCF	Pollutant						
	PM*	PM10*	direct PM2.5*	SO2	NOx	VOC	CO
	1.9	7.6	7.6	0.6	100 **see below	5.5	84
Potential Emission in tons/yr	0.19	0.74	0.74	0.06	9.75	0.54	8.19

*PM emission factor is filterable PM only. PM10 emission factor is filterable and condensable PM10 combined.

PM2.5 emission factor is filterable and condensable PM2.5 combined.

**Emission Factors for NOx: Uncontrolled = 100, Low NOx Burner = 50, Low NOx Burners/Flue gas recirculation = 32

Methodology

All emission factors are based on normal firing.

MMBtu = 1,000,000 Btu

MMCF = 1,000,000 Cubic Feet of Gas

Emission Factors are from AP 42, Chapter 1.4, Tables 1.4-1, 1.4-2, 1.4-3, SCC #1-02-006-02, 1-01-006-02, 1-03-006-02, and 1-03-006-03

Potential Throughput (MMCF) = Heat Input Capacity (MMBtu/hr) x 8,760 hrs/yr x 1 MMCF/1,000 MMBtu

Emission (tons/yr) = Throughput (MMCF/yr) x Emission Factor (lb/MMCF)/2,000 lb/ton

See next page for HAPs emissions calculations.

**Appendix A: Emissions Calculations
 Natural Gas Combustion Only
 MM BTU/HR <100
 HAPs Emissions**

**Company Name: Patrick Industries
 Address: 28163 CR 20 W, Elkhart, IN 46515
 Permit Number: M039-27104-00599
 Revision Number: 039-30904-00599
 Reviewer: Christine L. Filutze
 Date: February 14, 2012**

HAPs - Organics					
Emission Factor in lb/MMcf	Benzene 2.1E-03	Dichlorobenzene 1.2E-03	Formaldehyde 7.5E-02	Hexane 1.8E+00	Toluene 3.4E-03
Potential Emission in tons/yr	2.048E-04	1.170E-04	7.313E-03	0.18	3.315E-04

HAPs - Metals					
Emission Factor in lb/MMcf	Lead 5.0E-04	Cadmium 1.1E-03	Chromium 1.4E-03	Manganese 3.8E-04	Nickel 2.1E-03
Potential Emission in tons/yr	4.876E-05	1.073E-04	1.365E-04	3.705E-05	2.048E-04
Total:					0.18

Methodology is the same as previous page.

The five highest organic and metal HAPs emission factors are provided above. Additional HAPs emission factors are available in AP-42, Chapter 1.4.

See next page for Greenhouse Gas calculations.

**Appendix A: Emissions Calculations
 Natural Gas Combustion Only
 MM BTU/HR <100
 Greenhouse Gas Emissions**

**Company Name: Patrick Industries
 Address: 28163 CR 20 W, Elkhart, IN 46515
 Permit Number: M039-27104-00599
 Revision Number: 039-30904-00599
 Reviewer: Christine L. Filutze
 Date: February 14, 2012**

Emission Factor in lb/MMcf	Greenhouse Gas		
	CO2	CH4	N2O
120,000	2.3	2.2	
Potential Emission in tons/yr	11,701	0.2	0.2
Summed Potential Emissions in tons/yr	11,702		
CO2e Total in tons/yr	11,773		

Methodology

The N2O Emission Factor for uncontrolled is 2.2. The N2O Emission Factor for low Nox burner is 0.64.

Emission Factors are from AP 42, Table 1.4-2 SCC #1-02-006-02, 1-01-006-02, 1-03-006-02, and 1-03-006-03.

Greenhouse Warming Potentials (GWP) from Table A-1 of 40 CFR Part 98 Subpart A.

Emission (tons/yr) = Throughput (MMCF/yr) x Emission Factor (lb/MMCF)/2,000 lb/ton

CO2e (tons/yr) = CO2 Potential Emission ton/yr x CO2 GWP (1) + CH4 Potential Emission ton/yr x CH4 GWP (21) + N2O Potential Emission ton/yr x N2O GWP (310).

**Appendix A: Emission Calculations
VOC Emissions
from the Panel Laminating Process**

**Company Name: Patrick Industries, Inc.
Address: 28163 CR 20 W, Elkhart, IN 46515
Permit Number: M039-27104-00599
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Adhesives are water based and do not contain any VOCs or HAPs.

Plant ID	Adhesive*	Density (lbs/gal)	Weight % Volatile (H2O) & Organics	Weight % Water	Weight % Organics	Maximum Throughput (unit/hr)	Maximum Usage (gal/unit)	PTE of VOC (tons/yr)
P1 and P3	#54 Flex Glue	9.20	44.0%	44.0%	0.0%	400	0.015	0.00
P3	#46 Catalyst	10.0	0.0%	0.0%	0.0%	400	0.0002	0.00
P3	#60 Melamine	9.10	50.0%	50.0%	0.0%	400	0.015	0.00
P3	70-6000	9.10	44.0%	44.0%	0.0%	400	0.015	0.00
P3	70-4200	9.10	44.0%	44.0%	0.0%	400	0.015	0.00
P3	Brown Glue	9.10	44.0%	44.0%	0.0%	400	0.015	0.00
P3	84-800 Paper Glue	9.10	50.0%	50.0%	0.0%	400	0.015	0.00
P3	#7200 Vinyl	9.10	28.0%	28.0%	0.0%	400	0.015	0.00
P3	#7200-U Vinyl	9.10	34.0%	34.0%	0.0%	400	0.015	0.00
P3	71-2000 Test Glue	9.10	34.0%	34.0%	0.0%	400	0.015	0.00
P3	#70-8800	9.10	44.0%	44.0%	0.0%	1500	0.005	0.00
P3	Henkel #CM-Q-837	7.90	0.0%	0.0%	0.0%	200	0.005	0.00
P2	Dorus US 276/22	9.20	0.0%	0.0%	0.0%	200	0.005	0.00
	Total							0.00

Methodology

PTE of VOC (tons/year) = Density (lbs/gal) x Weight % VOC * Max. Throughput (unit/hr) x Max. Usage (gal/unit) x 8760 hours/year x 1 ton/2000 lbs



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

Mitchell E. Daniels Jr.
Governor

Thomas W. Easterly
Commissioner

100 North Senate Avenue
Indianapolis, Indiana 46204
(317) 232-8603
Toll Free (800) 451-6027
www.idem.IN.gov

SENT VIA U.S. MAIL: CONFIRMED DELIVERY AND SIGNATURE REQUESTED

TO: Doyle Stump
Patrick Industries, Inc.
107 W. Franklin Street.
Elkhart, Indiana 46515

DATE: April, 16, 2012

FROM: Matt Stuckey, Branch Chief
Permits Branch
Office of Air Quality

SUBJECT: Final Decision
First Significant Revision to MSOP
039-30904-00599

Enclosed is the final decision and supporting materials for the air permit application referenced above. Please note that this packet contains the original, signed, permit documents.

The final decision is being sent to you because our records indicate that you are the contact person for this application. However, if you are not the appropriate person within your company to receive this document, please forward it to the correct person.

A copy of the final decision and supporting materials has also been sent via standard mail to:
Kathy Thomas, Consultant
OAQ Permits Branch Interested Parties List

If you have technical questions regarding the enclosed documents, please contact the Office of Air Quality, Permits Branch at (317) 233-0178, or toll-free at 1-800-451-6027 (ext. 3-0178), and ask to speak to the permit reviewer who prepared the permit. If you think you have received this document in error, please contact Joanne Smiddie-Brush of my staff at 1-800-451-6027 (ext 3-0185), or via e-mail at jbrush@idem.IN.gov.

Final Applicant Cover letter.dot 11/30/07



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

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April 16, 2012

TO: Elkhart Public Library

From: Matthew Stuckey, Branch Chief
Permits Branch
Office of Air Quality

Subject: **Important Information for Display Regarding a Final Determination**

Applicant Name: Patrick Industries, Inc.
Permit Number: 039-30904-00599

You previously received information to make available to the public during the public comment period of a draft permit. Enclosed is a copy of the final decision and supporting materials for the same project. Please place the enclosed information along with the information you previously received. To ensure that your patrons have ample opportunity to review the enclosed permit, **we ask that you retain this document for at least 60 days.**

The applicant is responsible for placing a copy of the application in your library. If the permit application is not on file, or if you have any questions concerning this public review process, please contact Joanne Smiddie-Brush, OAQ Permits Administration Section at 1-800-451-6027, extension 3-0185.

Enclosures
Final Library.dot 11/30/07

Mail Code 61-53

IDEM Staff	PWAY 4/16/2012 Patrick Industries, Inc. 039-30904-00599 (final)		Type of Mail: CERTIFICATE OF MAILING ONLY	AFFIX STAMP HERE IF USED AS CERTIFICATE OF MAILING
Name and address of Sender	▶	Indiana Department of Environmental Management Office of Air Quality – Permits Branch 100 N. Senate Indianapolis, IN 46204		

Line	Article Number	Name, Address, Street and Post Office Address	Postage	Handling Charges	Act. Value (If Registered)	Insured Value	Due Send if COD	R.R. Fee	S.D. Fee	S.H. Fee	Rest. Del. Fee
											Remarks
1		Doyle Stump Patrick Industries, Inc. 107 W Franklin St Elkhart IN 46515 (Source CAATS)									
2		Elkhart City Council and Mayors Office 229 South Second Street Elkhart IN 46516 (Local Official)									
3		Elkhart Public Library 300 S 2nd St Elkhart IN 46516-3184 (Library)									
4		Elkhart County Health Department 608 Oakland Avenue Elkhart IN 46516 (Health Department)									
5		Laurence A. McHugh Barnes & Thornburg 100 North Michigan South Bend IN 46601-1632 (Affected Party)									
6		Elkhart County Board of Commissioners 117 North Second St. Goshen IN 46526 (Local Official)									
7		Kathy Thomas Industrial Safety and Environmental Services, Inc. 30723 Old Road US 20 Elkhart IN 46514 (Consultant)									
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