



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

100 N. Senate Avenue • Indianapolis, IN 46204
(800) 451-6027 • (317) 232-8603 • www.idem.IN.gov

Michael R. Pence
Governor

Thomas W. Easterly
Commissioner

NOTICE OF 30-DAY PERIOD FOR PUBLIC COMMENT

Preliminary Findings Regarding the Renewal of a
Minor Source Operating Permit (MSOP)

for Patrick Industries, Inc. in Elkhart County

Permit No. M039-33886-00599

The Indiana Department of Environmental Management (IDEM) has received an application from Patrick Industries, Inc., located at 28163 County Road 20 West and 1515 Leininger Avenue, Elkhart, Indiana 46517 for a renewal of its MSOP issued on March 12, 2009. If approved by IDEM's Office of Air Quality (OAQ), this proposed renewal would allow Patrick Industries, Inc., to continue to operate its existing stationary woodworking and laminating plant.

This draft Minor Source Operating Permit (MSOP) does not contain any new equipment that would emit air pollutants, and no conditions from previously issued permits/approvals have been changed.

A copy of the permit application and IDEM's preliminary findings are available at:

Elkhart Public Library
Reference Desk
300 S. 2nd Street
Elkhart, Indiana 46516-3109

and

IDEM's Northern Regional Office
300 N. Michigan Street, Ste. 450
South Bend, Indiana 46601-1253

A copy of the preliminary findings is available on the Internet at: <http://www.in.gov/ai/appfiles/idem-caats/>.

How can you participate in this process?

The date that this notice is published in a newspaper marks the beginning of a 30-day public comment period. If the 30th day of the comment period falls on a day when IDEM offices are closed for business, all comments must be postmarked or delivered in person on the next business day that IDEM is open.

You may request that IDEM hold a public hearing about this draft permit. If adverse comments concerning the **air pollution impact** of this draft permit are received, with a request for a public hearing, IDEM will decide whether or not to hold a public hearing. IDEM could also decide to hold a public meeting instead of, or in addition to, a public hearing. If a public hearing or meeting is held, IDEM will make a separate announcement of the date, time, and location of that hearing or meeting. At a hearing, you would have an opportunity to submit written comments and make verbal comments. At a meeting, you would have an opportunity to submit written comments, ask questions, and discuss any air pollution concerns with IDEM staff.

Comments and supporting documentation, or a request for a public hearing should be sent in writing to IDEM at the address below. If you comment via e-mail, please include your full U.S. mailing address so

that you can be added to IDEM's mailing list to receive notice of future action related to this permit. If you do not want to comment at this time, but would like to receive notice of future action related to this permit application, please contact IDEM at the address below. Please refer to permit number (039-33886-00599) in all correspondence.

Comments should be sent to:

Jenny Liljegren
IDEM, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251
(800) 451-6027, ask for extension (3-0870)
Or dial directly: (317) 233-0870
Fax: (317)-232-6749 attn: Jenny Liljegren
E-mail: (jliljegr@idem.in.gov)

All comments will be considered by IDEM when we make a decision to issue or deny the permit. Comments that are most likely to affect final permit decisions are those based on the rules and laws governing this permitting process (326 IAC 2), air quality issues, and technical issues. IDEM does not have legal authority to regulate zoning, odor, or noise. For such issues, please contact your local officials.

For additional information about air permits and how you can participate, please see IDEM's **Guide for Citizen Participation** and **Permit Guide** on the Internet at: www.idem.in.gov.

What will happen after IDEM makes a decision?

Following the end of the public comment period, IDEM will issue a Notice of Decision stating whether the permit has been issued or denied. If the permit is issued, it may be different than the draft permit because of comments that were received during the public comment period. If comments are received during the public notice period, the final decision will include a document that summarizes the comments and IDEM's response to those comments. If you have submitted comments or have asked to be added to the mailing list, you will receive a Notice of the Decision. The notice will provide details on how you may appeal IDEM's decision, if you disagree with that decision. The final decision will also be available on the Internet at the address indicated above, at the local library indicated above, in the IDEM public file room on the 12th floor of the Indiana Government Center North, 100 N. Senate Avenue, Indianapolis, Indiana 46204-2251, and at IDEM's Northern Regional Office 300 N. Michigan Street, Ste. 450, South Bend, Indiana 46601-1253.

If you have any questions please contact Jenny Liljegren or my staff at the above address.



Nathan Bell, Section Chief
Permits Branch
Office of Air Quality



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

100 N. Senate Avenue • Indianapolis, IN 46204

(800) 451-6027 • (317) 232-8603 • www.idem.IN.gov

Michael R. Pence
Governor

DRAFT

Thomas W. Easterly
Commissioner

Minor Source Operating Permit Renewal 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 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 2-6.1 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.: M039-33886-00599	
Issued by: Nathan C. Bell, Section Chief Permits Branch Office of Air Quality	Issuance Date: Expiration Date:

TABLE OF CONTENTS

A. SOURCE SUMMARY	4
A.1 General Information [326 IAC 2-5.1-3(c)][326 IAC 2-6.1-4(a)]	
A.2 Source Definition	
A.3 Emission Units and Pollution Control Equipment Summary	
B. GENERAL CONDITIONS	7
B.1 Definitions [326 IAC 2-1.1-1]	
B.2 Permit Term [326 IAC 2-6.1-7(a)][326 IAC 2-1.1-9.5][IC 13-15-3-6(a)]	
B.3 Term of Conditions [326 IAC 2-1.1-9.5]	
B.4 Enforceability	
B.5 Severability	
B.6 Property Rights or Exclusive Privilege	
B.7 Duty to Provide Information	
B.8 Annual Notification [326 IAC 2-6.1-5(a)(5)]	
B.9 Preventive Maintenance Plan [326 IAC 1-6-3]	
B.10 Prior Permits Superseded [326 IAC 2-1.1-9.5]	
B.11 Termination of Right to Operate [326 IAC 2-6.1-7(a)]	
B.12 Permit Renewal [326 IAC 2-6.1-7]	
B.13 Permit Amendment or Revision [326 IAC 2-5.1-3(e)(3)][326 IAC 2-6.1-6]	
B.14 Source Modification Requirement	
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]	
B.16 Transfer of Ownership or Operational Control [326 IAC 2-6.1-6]	
B.17 Annual Fee Payment [326 IAC 2-1.1-7]	
B.18 Credible Evidence [326 IAC 1-1-6]	
C. SOURCE OPERATION CONDITIONS	12
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]	
C.2 Permit Revocation [326 IAC 2-1.1-9]	
C.3 Opacity [326 IAC 5-1]	
C.4 Open Burning [326 IAC 4-1] [IC 13-17-9]	
C.5 Incineration [326 IAC 4-2] [326 IAC 9-1-2]	
C.6 Fugitive Dust Emissions [326 IAC 6-4]	
C.7 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61, Subpart M]	
Testing Requirements [326 IAC 2-6.1-5(a)(2)]	
C.8 Performance Testing [326 IAC 3-6]	
Compliance Requirements [326 IAC 2-1.1-11]	
C.9 Compliance Requirements [326 IAC 2-1.1-11]	
Compliance Monitoring Requirements [326 IAC 2-6.1-5(a)(2)]	
C.10 Compliance Monitoring [326 IAC 2-1.1-11]	
C.11 Instrument Specifications [326 IAC 2-1.1-11]	

Corrective Actions and Response Steps

- C.12 Response to Excursions or Exceedances
- C.13 Actions Related to Noncompliance Demonstrated by a Stack Test

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

- C.14 Malfunctions Report [326 IAC 1-6-2]
- C.15 General Record Keeping Requirements [326 IAC 2-6.1-5]
- C.16 General Reporting Requirements [326 IAC 2-1.1-11] [326 IAC 2-6.1-2] [IC 13-14-1-13]

D.1. EMISSIONS UNIT OPERATION CONDITIONS.....Error! Bookmark not defined.

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

- D.1.1 Particulate [326 IAC 6-3-2]
- D.1.2 Preventive Maintenance Plan [326 IAC 1-6-3]

Compliance Determination Requirements

- D.1.3 Particulate Control

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

- D.1.4 Visible Emissions Notations
- D.1.5 Baghouse Inspections
- D.1.6 Broken or Failed Bag Detection

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

- D.1.7 Record Keeping Requirements

D.2. EMISSIONS UNIT OPERATION CONDITIONS..... 20

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

- D.2.1 Volatile Organic Compounds (VOC) [326 IAC 8-2-10]
- D.2.2 Preventive Maintenance Plan [326 IAC 1-6-3]

Compliance Determination Requirements

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

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

- D.2.4 Record Keeping Requirements

D.3. EMISSIONS UNIT OPERATION CONDITIONS..... 22

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

- D.3.1 Volatile Organic Compounds (VOC) [326 IAC 8-2-12]
- D.3.2 Particulate [326 IAC 6-3]
- D.3.3 Preventive Maintenance Plan [326 IAC 1-6-3]

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

- D.3.4 Record Keeping Requirements

Annual Notification 24
Malfunction Report 25

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 Interior Components Plus located at 28163 CR 20 W, Elkhart, IN, and
- (b) Plant 2 is Praxis Group, L.L.C., 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 by the parent company, Patrick Industries, Inc. Therefore, they are 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 - Interior Components Plus (28163 County Rd. 20 West, Elkhart, Indiana 46517)

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

- (a) One (1) woodworking operation located at Plant 1, 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 1, 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 1, 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, identified as RC-01, consisting of three (3) roll coaters, constructed in 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 located at Plant 1, identified as B1, constructed in 2007, modified 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 located at Plant 1, identified as B3/B4, constructed in 2008, modified 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 located at Plant 1, identified as B6, constructed in 2009, modified 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 located at Plant 1 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 1, Building 1, each with a maximum heat input capacity of 0.15 MMBtu/hr.
 - (2) Six (6) Vac tube heaters, located at Plant 1, Building 1, each with a maximum heat input capacity of 0.01 MMBtu/hr.
 - (3) Two (2) Bard furnaces, located at Plant 1, Building 1, each with a maximum heat input capacity of 0.12 MMBtu/hr.
 - (4) Eight (8) infrared tube heaters, located at Plant 1, Building 2, each with a maximum heat input capacity of 0.1 MMBtu/hr.
 - (5) Two (2) infrared tube heaters, located at Plant 1, Building 2, each with a maximum heat input capacity of 0.125 MMBtu/hr.
 - (6) Six (6) infrared tube heaters, located at Plant 1, Building 3, each with a maximum heat input capacity of 0.2 MMBtu/hr; and
 - (7) One (1) natural gas-fired curing oven located at Plant 1, 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 located at Plant 1, identified as AM1 Plant 1, constructed in 2011, modified in 2012, rated at 0.3 MMBtu/hr heat input capacity.
- (i) Operations located at Plant 1 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 at Plant 1, Building 2.

- (2) One (1) standard laminating process, constructed in 2004, located in at Plant 1, Building 3.
- (j) One (1) small adhesive coating booth located at Plant 1, identified as P3-1, 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, constructed in 2009, with a maximum capacity of one (1) unit per hour, and exhausting indoors.
- (l) One (1) hot melt adhesive roll coating line located at Plant 1, identified as HM1, constructed in 2014, coating a maximum of 100 parts per hour, and exhausting indoors.

Plant 2 - Praxis Group, L.L.C. (1515 Leininger, Elkhart, Indiana 46517)

- (m) One (1) woodworking operation located at Plant 2, constructed in 2013, with a maximum throughput rate of 4,500 pounds of wood per hour, controlled by (1) baghouse (identified as S6), and exhausting through stack S6.
- (n) One (1) surface coating booth located at Plant 2, identified as B5, constructed in 2008, with a maximum capacity to coat eight (8) 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.
- (o) Natural gas-fired combustion sources located at Plant 2 with heat input equal to or less than ten (10) 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/hr heat input capacity.
 - (2) Ten (10) natural gas-fired forced air space heaters, identified as H17 through H26, each rated at 0.17 MMBtu/hr heat input capacity.
 - (3) Five (5) natural gas-fired forced air space heaters, identified as H27 through H31, each rated at 0.06 MMBtu/hr heat input capacity.
 - (4) One (1) natural gas-fired air makeup unit, identified as AM1 Plant 2, rated at 0.213 MMBtu/hr 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, M039-33886-00599, is issued for a fixed term of ten (10) 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) A Preventive Maintenance Plan meets the requirements of 326 IAC 1-6-3 if it includes, at a minimum:
 - (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.The Permittee shall implement the PMPs.
- (b) If required by specific condition(s) in Section D of this permit where no PMP was previously required, 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.

- (c) 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.
- (d) 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 M039-33886-00599 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. The analog instrument shall be capable of measuring values outside of the normal range.

- (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) 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 Plant 1, 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 1, 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 1, 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.
- (m) One (1) woodworking operation located at Plant 2, constructed in 2013, with a maximum throughput rate of 4,500 pounds of wood per hour, controlled by (1) baghouse (identified as S6), and exhausting through 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.1.1 Particulate Control [326 IAC 6-3-2]

In order to ensure that the four (4) woodworking operations are exempt from the requirements of 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), the baghouses controlling particulate emissions from the four (4) woodworking operations shall be in operation and control emissions from the woodworking operations at all times that the woodworking operations are in operation.

D.1.2 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.1.3 Particulate Control

- (a) In order to comply with Condition D.1.1, 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.

SECTION D.2 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

- (d) One (1) Roll Coat Paint line located at Plant 1, identified as RC-01, consisting of three (3) roll coaters, constructed in 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 located at Plant 1, identified as B1, constructed in 2007, modified 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 located at Plant 1, identified as B3/B4, constructed in 2008, modified 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 located at Plant 1, identified as B6, constructed in 2009, modified 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 located at Plant 1, identified as P3-1, 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.
- (n) One (1) surface coating booth located at Plant 2, identified as B5, constructed in 2008, with a maximum capacity to coat eight (8) 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 Coat, 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 #:	M039-33886-00599

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 M039-33886-00599.

not in compliance with the requirements of MSOP M039-33886-00599.

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
Minor Source Operating Permit Renewal

Source Background and Description

Source Name:	Patrick Industries, Inc.
Source Location:	28163 County Rd. 20 West and 1515 Leininger Elkhart, Indiana 46517
County:	Elkhart
SIC Code:	2499 (Wood Products, Not Elsewhere Classified)
Permit Renewal No.:	M039-33886-00599
Permit Reviewer:	Jenny Liljegren

The Office of Air Quality (OAQ) has reviewed the operating permit renewal application from Patrick Industries, Inc. relating to the operation of a stationary woodworking and laminating plant. On November 14, 2013, Patrick Industries, Inc., submitted an application to the OAQ requesting to renew its operating permit. Patrick Industries, Inc., was issued a MSOP No. M039-27104-00599 on March 12, 2009. Patrick Industries, Inc., specializes in manufacturing interior components and furnishings for recreational vehicles (RV), including interior doors, kitchenette components (sinks, counter tops, back splashes, drawers, cabinets), bathroom components (sinks, shower doors), chairs, tables, bedroom components, various wood and plastic moldings and trim, and other miscellaneous interior furnishings and items.

Source Definition

This source consists of the following plants:

- (a) Plant 1 is Interior Components Plus located at 28163 CR 20 W, Elkhart, IN, and
- (b) Plant 2 is Praxis Group, L.L.C., located at 1515 Leininger, Elkhart, IN.

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 by the parent company, Patrick Industries, Inc. Therefore, they are considered one (1) source, as defined by 326 IAC 2-7-1(22).

Permitted Emission Units and Pollution Control Equipment

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

Plant 1 - Interior Components Plus (28163 County Rd. 20 West, Elkhart, Indiana 46517)

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

- (a) One (1) woodworking operation located at Plant 1, 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 1, 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 1, 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, identified as RC-01, consisting of three (3) roll coaters, constructed in 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 located at Plant 1, identified as B1, constructed in 2007, modified 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 located at Plant 1, identified as B3/B4, constructed in 2008, modified 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 located at Plant 1, identified as B6, constructed in 2009, modified 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 located at Plant 1 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 1, Building 1, each with a maximum heat input capacity of 0.15 MMBtu/hr.
 - (2) Six (6) Vac tube heaters, located at Plant 1, Building 1, each with a maximum heat input capacity of 0.01 MMBtu/hr.
 - (3) Two (2) Bard furnaces, located at Plant 1, Building 1, each with a maximum heat input capacity of 0.12 MMBtu/hr.
 - (4) Eight (8) infrared tube heaters, located at Plant 1, Building 2, each with a maximum heat input capacity of 0.1 MMBtu/hr.
 - (5) Two (2) infrared tube heaters, located at Plant 1, Building 2, each with a maximum heat input capacity of 0.125 MMBtu/hr.
 - (6) Six (6) infrared tube heaters, located at Plant 1, Building 3, each with a maximum heat input capacity of 0.2 MMBtu/hr; and

- (7) One (1) natural gas-fired curing oven located at Plant 1, 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 located at Plant 1, identified as AM1 Plant 1, constructed in 2011, modified in 2012, rated at 0.3 MMBtu/hr heat input capacity.
- (i) Operations located at Plant 1 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 at Plant 1, Building 2.
 - (2) One (1) standard laminating process, constructed in 2004, located in at Plant 1, Building 3.
- (j) One (1) small adhesive coating booth located at Plant 1, identified as P3-1, 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, constructed in 2009, with a maximum capacity of one (1) unit per hour, and exhausting indoors.
- (l) One (1) hot melt adhesive roll coating line located at Plant 1, identified as HM1, constructed in 2014, coating a maximum of 100 parts per hour, and exhausting indoors.

Plant 2 - Praxis Group, L.L.C. (1515 Leininger, Elkhart, Indiana 46517)

- (m) One (1) woodworking operation located at Plant 2, constructed in 2013, with a maximum throughput rate of 4,500 pounds of wood per hour, controlled by (1) baghouse (identified as S6), and exhausting through stack S6.
- (n) One (1) surface coating booth located at Plant 2, identified as B5, constructed in 2008, with a maximum capacity to coat eight (8) 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.
- (o) Natural gas-fired combustion sources located at Plant 2 with heat input equal to or less than ten (10) 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/hr heat input capacity.
 - (2) Ten (10) natural gas-fired forced air space heaters, identified as H17 through H26, each rated at 0.17 MMBtu/hr heat input capacity.
 - (3) Five (5) natural gas-fired forced air space heaters, identified as H27 through H31, each rated at 0.06 MMBtu/hr heat input capacity.
 - (4) One (1) natural gas-fired air makeup unit, identified as AM1 Plant 2, rated at 0.213 MMBtu/hr heat input capacity.

Existing Approvals

Since the issuance of the MSOP No. M039-27104-00599 on March 12, 2009, the source has constructed or has been operating under the following additional approvals:

- (a) Significant Permit Revision No. 039-30904-00599 issued on April 16, 2012.

All terms and conditions of previous permits issued pursuant to permitting programs approved into the State Implementation Plan have been either incorporated as originally stated, revised, or deleted by this permit. All previous registrations and permits are superseded by this permit.

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 and determining the applicability of 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes). However, for purposes of determining the applicability of Prevention of Significant Deterioration (PSD), potential particulate matter emissions from the woodworking operations were calculated before consideration of the controls.

Enforcement Issue

There are no enforcement actions pending.

Emission Calculations

See Appendix A of this document for detailed emission calculations.

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	Unclassifiable or attainment effective July 20, 2012, for the 2008 8-hour ozone standard. ¹
PM _{2.5}	Unclassifiable or attainment effective April 5, 2005, for the annual PM _{2.5} standard.
PM _{2.5}	Unclassifiable or attainment effective December 13, 2009, for the 24-hour PM _{2.5} standard.
PM ₁₀	Unclassifiable effective November 15, 1990.
NO ₂	Cannot be classified or better than national standards.
Pb	Unclassifiable or attainment effective December 31, 2011.

¹Attainment 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.

- (a) **Ozone Standards**
Volatile organic compounds (VOC) and Nitrogen Oxides (NO_x) 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 NO_x 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 NO_x 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}, SO₂, and NO_x emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.
- (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 and hazardous air pollutants 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.

Unrestricted Potential Emissions

Appendix A of this TSD reflects the unrestricted potential emissions of the source.

- (a) The potential to emit (as defined in 326 IAC 2-7-1(29)) of criteria pollutants from the entire source is less than the Title V major source threshold levels. The source is not subject to the provisions of 326 IAC 2-7. Therefore, the source will be issued an MSOP Renewal.
- (b) The potential to emit (as defined in 326 IAC 2-7-1(29)) of GHGs is less than one hundred thousand (100,000) tons of CO₂ equivalent emissions (CO₂e) per year.
- (c) The potential to emit (as defined in 326 IAC 2-7-1(29)) of any single HAP is less than ten (10) tons per year and the potential to emit (as defined in 326 IAC 2-7-1(29)) of a combination of HAPs is less than twenty-five (25) tons per year. Therefore, the source will be issued an MSOP Renewal.

Federal Rule Applicability

New Source Performance Standards (NSPS)

- (a) The requirements of the New Source Performance Standard for Surface Coating of Metal Furniture, 40 CFR 60.310, Subpart EE) (326 IAC 12) are not included in this permit, since this source does not coat metal furniture. The source includes manufacturing of various wood and plastic interior components and furnishings for recreational vehicles (RV).
- (b) The requirements of the New Source Performance Standard for Automobile and Light Duty Truck Surface Coating Operations, 40 CFR 60.390, Subpart MM) (326 IAC 12) are not included in this permit, since this source does not coat automobiles or light duty trucks. The source includes manufacturing of various wood and plastic interior components and furnishings for recreational vehicles (RV).
- (c) The requirements of the New Source Performance Standard for Industrial Surface Coating: Large Appliances, 40 CFR 60.450, Subpart SS) (326 IAC 12) are not included in this permit, since this source does not coat large appliances.
- (d) There are no New Source Performance Standards (NSPS) (326 IAC 12 and 40 CFR Part 60) included in the permit for this source.

National Emission Standards for Hazardous Air Pollutants (NESHAP)

- (a) 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 is not a major source of HAPs.
- (b) The requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAPs) for Plywood and Composite Wood Products (40 CFR 63 Subpart DDDD) are not included in this permit, since this source does not manufacture plywood or composite wood products.
- (c) The requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAPs) for Surface Coating of Automobiles and Light-Duty Trucks (40 CFR 63 Subpart IIII) (326 IAC 20-85) are not included in this permit, since this source does not coat automobiles or light duty trucks. The source includes manufacturing of various wood and plastic interior components and furnishings for recreational vehicles (RV).
- (d) The requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAPs) for of Miscellaneous Metal Parts and Products (40 CFR 63 Subpart MMMM) (326 IAC 20-80) are not included in this permit, since this source does not coat miscellaneous parts or products and this source is not a major source of HAPs.
- (e) The requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAPs) for Surface Coating of Large Appliances (40 CFR 63 Subpart NNNN) (326 IAC 20-63) are not included in this permit, since this source does not coat large appliances and this source is not a major source of HAPs.
- (f) The requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAPs) for Surface Coating of Plastic Parts and Products (40 CFR 63 Subpart PPPP) (326 IAC 20-81) are not included in this permit, since this source does not coat plastic parts and products and this source is not a major source of HAPs.

- (g) 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. The source includes manufacturing of various wood and plastic interior components and furnishings for recreational vehicles (RV).
- (h) 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 (326 IAC 20-95) are not included in the permit, because this source is not a major source of HAPs.
- (i) 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.
- (j) There are no National Emission Standards for Hazardous Air Pollutants (NESHAP) (326 IAC 14, 326 IAC 20 and 40 CFR Part 63) included in this permit renewal.

Compliance Assurance Monitoring (CAM)

- (a) 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 - Entire Source

- (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 source is not a major stationary source, under PSD (326 IAC 2-2), because the potential to emit of all attainment regulated pollutants are less than 250 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(ff)(1). Therefore, pursuant to 326 IAC 2-2, the PSD requirements do not apply.
- (c) 326 IAC 2-4.1 (Major Sources of Hazardous Air Pollutants (HAP))
The potential to emit of any single HAP is less than ten (10) tons per year and the potential to emit of a combination of HAPs is 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 2-4.1.
- (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.
- (g) 326 IAC 6-5 (Fugitive Particulate Matter Emission Limitations)
The source is not subject to the requirements of 326 IAC 6-5, it does not have potential fugitive particulate emissions equal to or greater than 25 tons per year.
- (h) 326 IAC 1-6-3 (Preventive Maintenance Plan)
The source is subject to 326 IAC 1-6-3.
- (i) 326 IAC 12 (New Source Performance Standards)
See Federal Rule Applicability Section of this TSD.
- (j) 326 IAC 20 (Hazardous Air Pollutants)
See Federal Rule Applicability Section of this TSD.

State Rule Applicability – Individual Facilities

Woodworking Operations

- (a) 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes)
Pursuant to 326 IAC 6-3-1(b), the requirements of 326 IAC 6-3-2 are not applicable to the woodworking operations, since the potential to emit particulate emissions after integral woodworking controls is less than five hundred fifty-one thousandths (0.551) pound per hour for each of the three (3) woodworking operations.

In order to ensure that the three (3) woodworking operations are exempt from the requirements of 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), the baghouses controlling particulate emissions from the three (3) woodworking operations shall be in operation and control emissions from the woodworking operations at all times that the woodworking operations are in operation.

Roll Coat Paint Line (RC-01)

- (a) 326 IAC 8-2-10 (Flat Wood Panels; Manufacturing Operations)
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 finishing of flat wood panels, as defined by 326 IAC 8-2-10(a), and which have actual emissions of greater than fifteen (15) pounds of VOC per day before add-on controls. The Roll Coat Paint Line (RC-01) is subject to this rule, since it was constructed in 2008, has potential VOC emissions of greater than fifteen (15) pounds of VOC per day, and coats printed interior panels. "Printed interior panels" means panels whose grain or natural surface is obscured by fillers and basecoats upon which a simulated grain or decorative pattern is printed.

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

- (b) 326 IAC 8-2-12 (Wood Furniture and Cabinet Coating)
326 IAC 8-2-12 applies to surface coating wood furnishings. The Roll Coat Paint Line (RC-01) coats wood panels, not wood furnishings. Therefore, the Roll Coat Paint line (RC-01) is not subject to this rule.

Surface Coating Booths

- (a) 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, and 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.

- (c) 326 IAC 8-1-6 (VOC Rules: General Reduction Requirements for New Facilities)
The surface coating booths (B1, 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 (B1, B3/B4, B5, and B6).
- (d) 326 IAC 8-2-12 (Wood Furniture and Cabinet Coating)
This rule applies to surface coated wood furnishings which include 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.

The surface coating booths (B1, B3/B4, B5, and B6) are each subject to the requirements of 326 IAC 8-2-12, since they are each used to surface coat wood furnishings. Pursuant to 326 IAC 8-2-12 (Wood Furniture and Cabinet Coating), for the surface coating booths (B1, B3/B4, B5, and B6), the Permittee shall apply all coating material, 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 Coat, 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 (B1, B3/B4, B5, and B6) is in compliance with 326 IAC 8-2-12, since they each use HVLP application.

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

Compliance Determination and Monitoring Requirements

- (a) The surface coating booths have applicable compliance monitoring conditions as specified below:

The Permittee shall maintain a record of any actions taken if overspray is visibly detected. Section C - General Record Keeping Requirements, of this permit contains the Permittee's obligations with regard to the records required by this condition.

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

Recommendation

The staff recommends to the Commissioner that the MSOP Renewal be approved. This recommendation is based on the following facts and conditions:

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 November 14, 2013.

Conclusion

The operation of this stationary woodworking and laminating plant shall be subject to the conditions of the attached MSOP Renewal No. 039-33886-00599.

IDEM Contact

- (a) Questions regarding this proposed permit can be directed to Jenny Liljegren at the Indiana Department Environmental Management, Office of Air Quality, Permits Branch, 100 North Senate Avenue, MC 61-53 IGCN 1003, Indianapolis, Indiana 46204-2251 or by telephone at (317) 233-0870 or toll free at 1-800-451-6027 extension 3-0870.
- (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.idem.in.gov

**Appendix A: Emissions Calculations
Potential Emissions Summary**

**Company Name: Patrick Industries, Inc.
Address: 28163 CR 20 W and 1515 Leininger, Elkhart, IN 46515
Permit Number: M039-33886-00599
Reviewer: Jenny Liljegren**

Unlimited Potential to Emit (Before Integral Woodworking Controls)*

Emissions Unit	PM	PM10	PM2.5	SO2	NOx	VOC	CO	GHG as CO2e	Total HAPs	Worst Single HAP (toluene)
Woodworking Operations	112.68	64.39	64.39	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	0.00
Surface Coating Booth B1	5.31	5.31	5.31	0.00	0.00	40.26	0.00	0	0.09	0.09
Surface Coating Booth B3/B4	1.43	1.43	1.43	0.00	0.00	10.13	0.00	0	0.19	0.00
Surface Coating Booth B6	1.80	1.80	1.80	0.00	0.00	12.71	0.00	0	0.24	0.00
Roll Coat Counter Top Operation (CT1)	0.00	0.00	0.00	0.00	0.00	1.74	0.00	0	1.40	0.17
Surface Coating Booth B5	1.84	1.84	1.84	0.00	0.00	21.16	0.00	0	0.04	0.00
Natural Gas Combustion	0.09	0.37	0.37	0.03	4.92	0.27	4.13	5,942	0.09	1.7E-04
Laminating Processes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00
Adhesive Coating	0.26	0.26	0.26	0.00	0.00	0.13	0.00	0	0.01	0.00
Total	123.42	75.41	75.41	0.03	4.92	95.04	4.13	5,942	2.07	0.26

Unlimited Potential to Emit (After Integral Woodworking Controls)*

Emissions Unit	PM	PM10	PM2.5	SO2	NOx	VOC	CO	GHG as CO2e	Total HAPs	Worst Single HAP (toluene)
Woodworking Operations	0.11	0.06	0.06	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	0.00
Surface Coating Booth B1	5.31	5.31	5.31	0.00	0.00	40.26	0.00	0	0.09	0.09
Surface Coating Booth B3/B4	1.43	1.43	1.43	0.00	0.00	10.13	0.00	0	0.19	0.00
Surface Coating Booth B6	1.80	1.80	1.80	0.00	0.00	12.71	0.00	0	0.24	0.00
Roll Coat Counter Top Operation (CT1)	0.00	0.00	0.00	0.00	0.00	1.74	0.00	0	1.40	0.17
Surface Coating Booth B5	1.84	1.84	1.84	0.00	0.00	21.16	0.00	0	0.04	0.00
Natural Gas Combustion	0.09	0.37	0.37	0.03	4.92	0.27	4.13	5,942	0.09	1.7E-04
Laminating Processes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00
Adhesive Coating	0.26	0.26	0.26	0.00	0.00	0.13	0.00	0	0.01	0.00
Total	10.86	11.09	11.09	0.03	4.92	95.04	4.13	5,942	2.07	0.26

*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 and determining the applicability of 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes). However, for purposes of determining the applicability of Prevention of Significant Deterioration (PSD), 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: Emissions Calculations
PM, PM10, and PM2.5 Emissions
from Woodworking Operations**

**Company Name: Patrick Industries, Inc.
Address: 28163 CR 20 W and 1515 Leininger, Elkhart, IN 46515
Permit Number: M039-33886-00599
Reviewer: Jenny Liljegren**

Process (Location)	Maximum Throughput (tons/hr)	Maximum Throughput (lbs/hr)	Density of Wood (lbs/ft3)	Maximum Throughput (ft3/hr)	Maximum Throughput (BDFT/hr)	Uncontrolled Emission Factor (lb/ton)		Uncontrolled Potential Emissions (lbs/hr)		Uncontrolled Potential Emissions (tons/yr)		Control Device	Control Efficiency (%)	Controlled Potential Emissions (lbs/hr)		Controlled Potential Emissions (tons/yr)	
						PM	PM10/PM2.5*	PM	PM10/PM2.5*	PM	PM10/PM2.5*			PM	PM10/PM2.5*	PM	PM10/PM2.5*
Woodworking Operation #1 (Plant 1, Bldg 1)	8.00	16000	54.9	291.42	3497.06	0.35	0.200	2.80	1.60	12.26	7.01	baghouses (S1 & S2)	99.9%	2.8E-03	1.6E-03	1.2E-02	7.0E-03
Woodworking Operation #2 (Plant 1, Bldg 2)	2.25	4500	54.9	81.96	983.55	0.35	0.200	0.79	0.45	3.45	1.97	baghouse (S5)	99.9%	7.9E-04	4.5E-04	3.4E-03	2.0E-03
Woodworking Operation #3 (Plant 1, Bldg 3)	61.00	122000	54.9	2222.09	26665.11	0.35	0.200	21.35	12.20	93.51	53.44	baghouses (S3 & S4)	99.9%	2.1E-02	1.2E-02	9.4E-02	5.3E-02
Woodworking Operation #4 (Plant 2)	2.25	4500	54.9	81.96	983.55	0.35	0.200	0.79	0.45	3.45	1.97	baghouse (S6)	99.9%	0.00	0.00	0.00	0.00
Total								112.7	64.39					Total	0.11	0.06	

*PM2.5 emissions assumed equal to PM10 emissions.

Methodology

Maximum Throughput (lbs/hr) provided by the source.

Density of Wood: Assume worst case wood -- white oak with a specific gravity of 0.88 (Wood Handbook, Wood as an Engineering Material, USDA Forest Service) x density of water (62.39 lbs/ft3)

Maximum Throughput (ft3/hr) = [Maximum Throughput (lbs/hr)] / [Density of Wood (lbs/ft3)]

Maximum Throughput (BDFT/hr) = [Maximum Throughput (ft3/hr)] * [(12 BDFT / ft3)]

1 board foot (BDFT) = 1/12 cubic foot

Emission Factors are from Fire Version 5.0 Source Classification Codes and Emission Factor Listing for Criteria Air Pollutants EPA-454/R-95-012, August 1995, for Sawmill Operations for SCC 3-07-008-02 (Log Sawing)

Uncontrolled Potential Emissions (lbs/hr) = [Maximum Throughput (lbs/hr)] * [ton/2,000 lbs] * [Uncontrolled Emission Factor (lbs/ton)]

Uncontrolled Potential Emissions (tons/yr) = [Uncontrolled Potential Emissions (lbs/hr)] * [8,760 hrs/yr] * [ton/2,000 lbs]

Controlled Potential Emissions (lbs/hr) = [Uncontrolled Potential Emissions (lbs/hr)] * [1 - Control Efficiency]

Controlled Potential Emissions (tons/yr) = [Controlled Potential Emissions (lbs/hr)] * [8760 hrs/yr] * [ton/2,000 lbs]

Control Efficiency provided by the source.

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

Company Name: Patrick Industries, Inc.
Address: 28163 CR 20 W and 1515 Leininger, Elkhart, IN 46515
Permit Number: M039-33886-00599
Reviewer: Jenny Liljegrn

Roll Coat Paint Line (RC-01) (Plant 1)

Material	Density (Lb/Gal)	Weight % Volatile (H2O & Organics)	Weight % Water & Exempt	Weight % Organics	Volume % Water	Volume % Non-Volatiles (solids)	Gal of Mat. (gal/unit)	Maximum (unit/hour)	Gal of Mat. (gal/day)	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	54.00	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	7.20	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	36.00	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	34.56	0.11	0.11	0.16	3.95	0.72	0.00	0.11	100%
Total									131.76			1.97	47.33	8.64	0.00		

Surface Coating Booth B1 (Plant 1)

Material	Density (Lb/Gal)	Weight % Volatile (H2O & Organics)	Weight % Water & Exempt	Weight % Organics	Volume % Water	Volume % Non-Volatiles (solids)	Gal of Mat. (gal/unit)	Maximum (unit/hour)	Gal of Mat. (gal/day)	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
Nanochem Ruby HF Spray Stain	7.0	94.53%	41.3%	53.2%	0.0%	3.37%	0.02000	25,000	12.00	3.73	3.73	1.87	44.78	8.17	0.21	110.72	75%
Nanochem HF Precat Lacquer	7.6	72.20%	28.5%	43.7%	0.0%	23.95%	0.08800	25,000	52.80	3.33	3.33	7.33	175.82	32.09	5.10	13.90	75%
Acetone - Cleanup	6.7	100.00%	100.0%	0.0%	0.0%	0.00%	0.00160	25,000	0.96	0.00	0.00	0.00	0.00	0.00	0.00	n/a	100%
Total									65.76			9.19	220.60	40.26	5.31		

Surface Coating Booth B3/B4 (Plant 1)

Material	Density (Lb/Gal)	Weight % Volatile (H2O & Organics)	Weight % Water & Exempt	Weight % Organics	Volume % Water	Volume % Non-Volatiles (solids)	Gal of Mat. (gal/unit)	Maximum (unit/hour)	Gal of Mat. (gal/day)	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
Gray Base 7544.601	8.60	69.53%	15.75%	53.78%	16.24%	28.30%	0.12500	4,000	12.00	5.52	4.63	2.31	55.50	10.13	1.43	16.34	75%
Acetone - Cleanup	6.7	100.00%	100.0%	0.0%	0.0%	0.00%	0.05000	4,000	4.80	0.00	0.00	0.00	0.00	0.00	0.00	n/a	100%
Total									16.80			2.31	55.50	10.13	1.43		

Surface Coating Booth B6 (Plant 1)

Material	Density (Lb/Gal)	Weight % Volatile (H2O & Organics)	Weight % Water & Exempt	Weight % Organics	Volume % Water	Volume % Non-Volatiles (solids)	Gal of Mat. (gal/unit)	Maximum (unit/hour)	Gal of Mat. (gal/day)	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
Gray Base 7544.601	8.6	69.53%	15.8%	53.8%	16.2%	28.30%	0.12500	5,000	15.00	5.54	4.64	2.90	69.62	12.71	1.80	16.40	75%
Acetone - Cleanup	6.7	100.00%	100.0%	0.0%	0.0%	0.00%	0.05000	5,000	6.00	0.00	0.00	0.00	0.00	0.00	0.00	n/a	100%
Total									21.00			2.90	69.62	12.71	1.80		

Roll Coat Counter Top Operation (CT1) (Plant 1)

Material	Density (Lb/Gal)	Weight % Volatile (H2O & Organics)	Weight % Water & Exempt	Weight % Organics	Volume % Water	Volume % Non-Volatiles (solids)	Gal of Mat. (gal/unit)	Maximum (unit/hour)	Gal of Mat. (gal/day)	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	1.98	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	0.66	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	0.96	2.06	2.06	0.08	1.98	0.36	0.00	2.98	100%
Total									3.60			0.40	9.56	1.74	0.00		

Surface Coating Booth B5 (Plant 2)

Material	Density (Lb/Gal)	Weight % Volatile (H2O & Organics)	Weight % Water & Exempt	Weight % Organics	Volume % Water	Volume % Non-Volatiles (solids)	Gal of Mat. (gal/unit)	Maximum (unit/hour)	Gal of Mat. (gal/day)	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
Nanochem Ruby HF Spray Stain	7.0	94.53%	41.3%	53.2%	0.0%	3.49%	0.08750	8,000	16.800	3.73	3.73	2.61	62.69	11.44	0.29	n/a	75%
Nanochem HF Precat Lacquer	7.6	72.20%	28.5%	43.7%	0.0%	19.04%	0.08332	8,000	15.997	3.33	3.33	2.22	53.27	9.72	1.55	17.49	75%
Acetone - Cleanup	6.7	100.00%	100.0%	0.0%	0.0%	0.00%	0.06250	8,000	12.000	0.00	0.00	0.00	0.00	0.00	0.00	n/a	100%
Total									44.80					21.16	1.84		

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 hr/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
Acetone is exempted as a VOC under 40 CFR Part 51 Subpart F 51.100(s)(1)

**Appendix A: Emissions Calculations
HAP Emissions Calculations
from Surface Coating Operations**

Company Name: Patrick Industries, Inc.
Address: 28163 CR 20 W and 1515 Leininger, Elkhart, IN 46515
Permit Number: M039-33886-00599
Reviewer: Jenny Liljegen

Roll Coat Paint Line (RC-01) (Plant 1)

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

Surface Coating Booth B1 (Plant 1)

Material	Density (Lb/Gal)	Gallons of Material (gal/unit)	Maximum (unit/hour)	Weight % Formaldehyde	Formaldehyde Emissions (ton/yr)	Total HAP (ton/yr)
Nanochem Ruby HF Spray Stain	7.01	0.02000	25.000	0.10%	0.02	0.02
Nanochem HF Precoat Lacquer	7.62	0.08800	25.000	0.10%	0.07	0.07
Acetone - Cleanup	6.69	0.001600	25.00	0.00%	0.00	0.00
Total					0.09	0.09

Surface Coating Booths B3/B4 (Plant 1)

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)
Gray Base 7544.601 (B3/B4)	8.60	0.1250	4.00	1.00%	0.00%	0.19	0.00	0.19
Acetone - Cleanup	6.69	0.0500	4.00	0.00%	0.00%	0.00	0.00	0.00
Total						0.19	0.00	0.19

Surface Coating Booth B6 (Plant 1)

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)
Gray Base 7544.601 (B6)	8.6	0.125	5.00	1.00%	0.00%	0.24	0.00	0.24
Acetone - Cleanup	6.69	0.050	5.00	0.00%	0.00%	0.00	0.00	0.00
Total						0.24	0.00	0.24

Roll Coat Counter Top Operation (CT1) (Plant 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
Total							0.06	1.16	0.17	1.40

Surface Coating Booth B5 (Plant 2)

Material	Density (Lb/Gal)	Gallons of Material (gal/unit)	Maximum (unit/hour)	Weight % Formaldehyde	Formaldehyde Emissions (ton/yr)	Total HAP (ton/yr)
Nanochem Ruby HF Spray Stain	7.01	0.08750	8.000	0.10%	0.02	0.02
Nanochem HF Precoat Lacquer	7.62	0.08332	8.000	0.10%	0.02	0.02
Acetone - Cleanup	6.69	0.06250	8.000	0.00%	0.00	0.00
Total					0.04	0.04

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 City IN Zip: 28163 CR 20 W and 1515 Leininger, Elkhart, IN 46515
 Permit Number: M039-33886-00599
 Reviewer: Jenny Lijegren

MMBtu/hr	Emission Units
1.2	Eight (8) infrared tube heaters (Plant 1, Bldg 1)
0.06	Six (6) Vac tube heaters (Plant 1, Bldg 1)
0.24	Two (2) Bard furnaces (Plant 1, Bldg 1)
0.8	Eight (8) infrared tube heaters (Plant 1, Bldg 2)
0.25	Two (2) infrared tube heaters (Plant 1, Bldg 2)
1.2	Six (6) infrared tube heaters (Plant 1, Bldg 3)
1.2	One (1) curing oven (Plant 1, RC-01)
0.3	One (1) air makeup unit (AM1 Plant 1)
4.0	Sixteen (16) space heaters (Plant 2, H1-H16)
1.7	Ten (10) space heaters (Plant 2, H17-H26)
0.3	Five (5) space heaters (Plant 2, H27-H31)
0.213	One (1) air makeup unit (AM1 Plant 2)

Heat Input Capacity MMBtu/hr	HHV mmBtu mmscf	Potential Throughput MMCF/yr
11.5	1020	98.4

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	0.1	0.4	0.4	0.0	4.9	0.3	4.1

*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/1,020 MMBtu
 Emission (tons/yr) = Throughput (MMCF/yr) x Emission Factor (lb/MMCF)/2,000 lb/ton

HAPS Calculations

Emission Factor in lb/MMcf	HAPs - Organics					
	Benzene	Dichlorobenzene	Formaldehyde	Hexane	Toluene	Total - Organics
	2.1E-03	1.2E-03	7.5E-02	1.8E+00	3.4E-03	
Potential Emission in tons/yr	1.034E-04	5.907E-05	3.692E-03	8.860E-02	1.674E-04	9.262E-02

Emission Factor in lb/MMcf	HAPs - Metals					
	Lead	Cadmium	Chromium	Manganese	Nickel	Total - Metals
	5.0E-04	1.1E-03	1.4E-03	3.8E-04	2.1E-03	
Potential Emission in tons/yr	2.461E-05	5.415E-05	6.891E-05	1.870E-05	1.034E-04	2.697E-04
					Total HAPs	9.289E-02
					Worst HAP	8.860E-02

Methodology is the same as above.

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

Greenhouse Gas Calculations

Emission Factor in lb/MMcf	Greenhouse Gas		
	CO2	CH4	N2O
	120,000	2.3	2.2
Potential Emission in tons/yr	5,907	0.1	0.1
Summed Potential Emissions in tons/yr	5,907		
CO2e Total in tons/yr based on 11/29/2013 federal GWPs	5,942		
CO2e Total in tons/yr based on 10/30/2009 federal GWPs	5,943		

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.
 Global 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) based on 11/29/2013 federal GWPs = CO2 Potential Emission ton/yr x CO2 GWP (1) + CH4 Potential Emission ton/yr x CH4 GWP (25) + N2O Potential Emission ton/yr x N2O GWP (298).
 CO2e (tons/yr) based on 10/30/2009 federal GWPs = 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: Emissions Calculations
VOC Emissions
from the Panel Laminating Process**

Company Name: Patrick Industries, Inc.
Address: 28163 CR 20 W and 1515 Leininger, Elkhart, IN 46515
Permit Number: M039-33886-00599
Reviewer: Jenny Liljegren

Panel Laminating Processes (Plant 1)

Building	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)
Bldg 1 and Bldg 3	#54 Flex Glue	9.20	44.0%	44.0%	0.0%	400	0.015	0.00
Bldg 3	#46 Catalyst	10.0	0.0%	0.0%	0.0%	400	0.0002	0.00
Bldg 3	#60 Melamine	9.10	50.0%	50.0%	0.0%	400	0.015	0.00
Bldg 3	70-6000	9.10	44.0%	44.0%	0.0%	400	0.015	0.00
Bldg 3	70-4200	9.10	44.0%	44.0%	0.0%	400	0.015	0.00
Bldg 3	Brown Glue	9.10	44.0%	44.0%	0.0%	400	0.015	0.00
Bldg 3	84-800 Paper Glue	9.10	50.0%	50.0%	0.0%	400	0.015	0.00
Bldg 3	#7200 Vinyl	9.10	28.0%	28.0%	0.0%	400	0.015	0.00
Bldg 3	#7200-U Vinyl	9.10	34.0%	34.0%	0.0%	400	0.015	0.00
Bldg 3	71-2000 Test Glue	9.10	34.0%	34.0%	0.0%	400	0.015	0.00
Bldg 3	#70-8800	9.10	44.0%	44.0%	0.0%	1500	0.005	0.00
Bldg 3	Henkel #CM-Q-837	7.90	0.0%	0.0%	0.0%	200	0.005	0.00
Bldg 2	Dorus US 276/22	9.20	0.0%	0.0%	0.0%	200	0.005	0.00
Total								0.00

Adhesives are water based and do not contain any VOCs or HAPs.

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

**Appendix A: Emissions Calculations
VOC and Particulate Emissions
from Adhesive Coating**

**Company Name: Patrick Industries, Inc.
Address: 28163 CR 20 W and 1515 Leininger, Elkhart, IN 46515
Permit Number: M039-33886-00599
Reviewer: Jenny Liljegren**

Small Adhesive Coating Booth (P3-1) (Plant 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 and exempt	Potential VOC tons per year	Particulate Potential (ton/yr)	lb VOC/gal solids	Transfer Efficiency
Con-Bond 330	9.1	46.73%	46.4%	0.3%	54.0%	51.00%	0.001	50	0.60	0.13	0.26	0.06	75%
Total									0.60	0.13	0.26		

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 hr/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

Hot Melt Adhesive Roll Coating Line (HM1) (Plant 1)

Note: This line will coat a maximum of 100 parts per hour using (0.0138 gal/unit) DURAPRO UH-2371(V) hot melt polyurethane adhesive for laminated panel applications. This chemical does not contain chemical compounds that are VOCs or HAPs.

**Appendix A: Emissions Calculations
HAP Emissions
from Adhesive Coating**

Company Name: Patrick Industries, Inc.
Address: 28163 CR 20 W and 1515 Leininger, Elkhart, IN 46515
Permit Number: M039-33886-00599
Reviewer: Jenny Liljegren

Small Adhesive Coating Booth (P3-1) (Plant 1)

Material	Density (Lb/Gal)	Gallons of Material (gal/unit)	Maximum (unit/hour)	Weight % B-chloroprene	B-chloroprene Emissions (ton/yr)	Total HAP (ton/yr)
Con-Bond 330	9.1	0.001	50	0	0.01	0.01
Total					0.01	0.01

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

Hot Melt Adhesive Roll Coating Line (HM1) (Plant 1)

Note: This line will coat a maximum of 100 parts per hour using (0.0138 gal/unit) DURAPRO UH-2371(V) hot melt polyurethane adhesive for laminated panel applications. This chemical does not contain chemical compounds that are VOCs or HAPs.



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

100 N. Senate Avenue • Indianapolis, IN 46204
(800) 451-6027 • (317) 232-8603 • www.idem.IN.gov

Michael R. Pence
Governor

Thomas W. Easterly
Commissioner

February 20, 2014

Earl Williams
Patrick Industries, Inc.
1515 Leininger Avenue
Elkhart, IN 46517

Re: Public Notice
Patrick Industries, Inc.
Permit Level: Minor Source Operating
Permit Renewal
Permit Number: 039-33886-00599

Dear Earl Williams:

Enclosed is a copy of your draft Minor Source Operating Permit Renewal, Technical Support Document, emission calculations, and the Public Notice which will be printed in your local newspaper.

The Office of Air Quality (OAQ) has submitted the draft permit package to the Elkhart Public Library, 300 S 2nd Street in Elkhart, IN 46516. As a reminder, you are obligated by 326 IAC 2-1.1-6(c) to place a copy of the complete permit application at this library no later than ten (10) days after submittal of the application or additional information to our department. We highly recommend that even if you have already placed these materials at the library, that you confirm with the library that these materials are available for review and request that the library keep the materials available for review during the entire permitting process.

You will not be responsible for collecting any comments, nor are you responsible for having the notice published in the newspaper. The OAQ has requested that the Elkhart Truth in Elkhart, IN 46515, publish this notice no later than Thursday, February 27, 2014.

Please review the enclosed documents carefully. This is your opportunity to comment on the draft permit and notify the OAQ of any corrections that are needed before the final decision. Questions or comments about the enclosed documents should be directed to Jenny Liljegren, Indiana Department of Environmental Management, Office of Air Quality, 100 N. Senate Avenue, Indianapolis, Indiana, 46204 or call (800) 451-6027, and ask for extension 3-0870 or dial (317) 233-0870.

Sincerely,

Pam K. Way
Permits Branch
Office of Air Quality

Enclosures
PN Applicant Cover letter. dot 3/27/08



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

100 N. Senate Avenue • Indianapolis, IN 46204

(800) 451-6027 • (317) 232-8603 • www.idem.IN.gov

Michael R. Pence
Governor

Thomas W. Easterly
Commissioner

ATTENTION: PUBLIC NOTICES, LEGAL ADVERTISING

February 20, 2014

Elkhart Truth
Minnie Hutch
421 South Second Street
Elkhart, IN 46515

Enclosed, please find one Indiana Department of Environmental Management Notice of Public Comment for Patrick Industries, Inc., Elkhart County, Indiana.

Since our agency must comply with requirements which call for a Notice of Public Comment, we request that you print this notice one time, no later than Thursday, February 27, 2014.

Please send a notarized form, clippings showing the date of publication, and the billing to the Indiana Department of Environmental Management, Accounting, Room N1345, 100 North Senate Avenue, Indianapolis, Indiana, 46204.

We are required by the Auditor's Office to request that you place the Federal ID Number on all claims. If you have any conflicts, questions, or problems with the publishing of this notice or if you do not receive complete public notice information for this notice, please call Pam Kay Way at 800-451-6027 and ask for extension 3-6878 or dial 317-233-6878.

Sincerely,

Pam Kay Way
Permit Branch
Office of Air Quality

Permit Level: Minor Source Operating Permit Renewal
Permit Number: 039-33886-00599

Enclosure
PN Newspaper.dot 6/13/2013



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

100 N. Senate Avenue • Indianapolis, IN 46204
(800) 451-6027 • (317) 232-8603 • www.idem.IN.gov

Michael R. Pence
Governor

Thomas W. Easterly
Commissioner

February 20, 2014

To: Elkhart Public Library

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

Subject: **Important Information to Display Regarding a Public Notice for an Air Permit**

Applicant Name: Patrick Industries, Inc.
Permit Number: 039-33886-00599

Enclosed is a copy of important information to make available to the public. This proposed project is regarding a source that may have the potential to significantly impact air quality. Librarians are encouraged to educate the public to make them aware of the availability of this information. The following information is enclosed for public reference at your library:

- Notice of a 30-day Period for Public Comment
- Request to publish the Notice of 30-day Period for Public Comment
- Draft Permit and Technical Support Document

You will not be responsible for collecting any comments from the citizens. Please refer all questions and request for the copies of any pertinent information to the person named below.

Members of your community could be very concerned in how these projects might affect them and their families. **Please make this information readily available until you receive a copy of the final package.**

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. Questions pertaining to the permit itself should be directed to the contact listed on the notice.

Enclosures
PN Library.dot 6/13/2013



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

100 N. Senate Avenue • Indianapolis, IN 46204
(800) 451-6027 • (317) 232-8603 • www.idem.IN.gov

Michael R. Pence
Governor

Thomas W. Easterly
Commissioner

Notice of Public Comment

February 20, 2014
Patrick Industries, Inc.
039-33886-00599

Dear Concerned Citizen(s):

You have been identified as someone who could potentially be affected by this proposed air permit. The Indiana Department of Environmental Management, in our ongoing efforts to better communicate with concerned citizens, invites your comment on the draft permit.

Enclosed is a Notice of Public Comment, which has been placed in the Legal Advertising section of your local newspaper. The application and supporting documentation for this proposed permit have been placed at the library indicated in the Notice. These documents more fully describe the project, the applicable air pollution control requirements and how the applicant will comply with these requirements.

If you would like to comment on this draft permit, please contact the person named in the enclosed Public Notice. Thank you for your interest in the Indiana's Air Permitting Program.

Please Note: *If you feel you have received this Notice in error, or would like to be removed from the Air Permits mailing list, please contact Patricia Pear with the Air Permits Administration Section at 1-800-451-6027, ext. 3-6875 or via e-mail at PPEAR@IDEM.IN.GOV. If you have recently moved and this Notice has been forwarded to you, please notify us of your new address and if you wish to remain on the mailing list. Mail that is returned to IDEM by the Post Office with a forwarding address in a different county will be removed from our list unless otherwise requested.*

Enclosure
PN AAA Cover.dot 6/13/13

Mail Code 61-53

IDEM Staff	PWAY 2/20/2014 Patrick Industries, Inc. 039-33886-00599 (draft)		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	Handing 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		Earl Williams Patrick Industries, Inc. 1515 Leininger Avenue Elkhart IN 46517 (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		Elkhart County Board of Commissioners 117 North Second St. Goshen IN 46526 (Local Official)										
6		Mr. Doug Elliott D & B Environmental Services, Inc. 401 Lincoln Way West Osceola IN 46561 (Consultant)										
7												
8												
9												
10												
11												
12												
13												
14												
15												

Total number of pieces Listed by Sender	Total number of Pieces Received at Post Office	Postmaster, Per (Name of Receiving employee)	The full declaration of value is required on all domestic and international registered mail. The maximum indemnity payable for the reconstruction of nonnegotiable documents under Express Mail document reconstructing insurance is \$50,000 per piece subject to a limit of \$50, 000 per occurrence. The maximum indemnity payable on Express mil merchandise insurance is \$500. The maximum indemnity payable is \$25,000 for registered mail, sent with optional postal insurance. See Domestic Mail Manual R900, S913, and S921 for limitations of coverage on inured and COD mail. See International Mail Manual for limitations o coverage on international mail. Special handling charges apply only to Standard Mail (A) and Standard Mail (B) parcels.
---	--	--	--