



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

TO: Interested Parties / Applicant

DATE: November 22, 2013

RE: Heartland Recreational Vehicles, LLC / 039-33732-00621

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

Notice of Decision – Approval

Please be advised that on behalf of the Commissioner of the Department of Environmental Management, I have issued a decision regarding the enclosed matter. Pursuant to 326 IAC 2, this approval was effective immediately upon submittal of the application.

If you wish to challenge this decision, IC 4-21.5-3-7 requires that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office of Environmental Adjudication, 100 North Senate Avenue, Government Center North, Suite N 501E, Indianapolis, IN 46204, **within eighteen (18) calendar days from the mailing of this notice**. The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing:

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

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

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

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

Enclosures
FNPER-AM.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

Larry York
Heartland Recreational Vehicles, LLC
1001 All Pro Drive
Elkhart, IN 46514

November 22, 2013

Re: 039-33732-00621
Administrative Amendment to
FESOP (Renewal) F039-29849-00621

Dear Mr. York:

Heartland Recreational Vehicles, LLC was issued a Federally Enforceable State Operating Permit (FESOP) Renewal No. F039-29849-00621 on March 16, 2011 for a stationary non-motorized travel trailer manufacturing plant located at:

1001 All Pro Drive, Elkhart, IN 46514
2944 Dexter Drive, Elkhart, IN 46514
1140 D.I. Drive, Elkhart, IN 46514
1111 All Pro Drive, Elkhart, IN 46514
2900 Dexter Drive, Elkhart, IN 46514
1330 Wade Drive, Elkhart, IN 46514
1110 C.R. 6 West, Elkhart, IN 46514
2929 Gateway Drive, Elkhart, IN 46514
2950 Paul Drive, Elkhart, IN 46514
2824 Paul Drive, Elkhart, IN 46514
1110 D.I Drive, Elkhart, IN 46514
2946 Jami Drive, Elkhart, IN 46514

On October 02, 2013, the Office of Air Quality (OAQ) received an application from the source requesting to incorporate the relocation of two of the production facilities, adding one physical address, and adding one (1) new Panel Pro CNC router to the existing manufacturing operation.

Pursuant to the provisions of 326 IAC 2-8-10(a), the permit is hereby administratively amended as described in the attached Technical Support Document.

All other conditions of the permit shall remain unchanged and in effect. Please find attached the entire FESOP (Renewal) as modified.


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

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5.



If you have any questions on this matter, please contact Ghassan Shalabi of my staff, at 317-234-5378 or 1-800-451-6027, and ask for extension 4-5378.

Sincerely,



Jenny Acker, Section Chief
Permits Branch
Office of Air Quality

Attachment(s): Updated Permit, Technical Support Document and Appendix A

J/AGS

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



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

New Source Construction and Federally Enforceable State Operating Permit Renewal OFFICE OF AIR QUALITY

Heartland Recreational Vehicles, LLC
1001 All Pro Drive
Elkhart, Indiana 46514


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

The Permittee must comply with all conditions of this permit. Noncompliance with any provisions of this permit is grounds for enforcement action; permit termination, revocation and reissuance, or modification; or denial of a permit renewal application. It shall not be a defense for the Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. An emergency does constitute an affirmative defense in an enforcement action provided the Permittee complies with the applicable requirements set forth in Section B, Emergency Provisions.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-8 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17. This permit also addresses certain new source review requirements for existing equipment and is intended to fulfill the new source review procedures pursuant to 326 IAC 2-8-11.1, applicable to those conditions

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 FESOP under 326 IAC 2-8.

Operation Permit No.: F039-29849-00621	
Issued by:	Issuance Date: March 16, 2011
Iryn Calilung, Section Chief Permits Branch Office of Air Quality	Expiration Date: March 16, 2021

Administrative Amendment No.: 039-33732-00621	
Issued by:	Issuance Date: November 22, 2013
 Jenny Acker, Section Chief Permits Branch Office of Air Quality	Expiration Date: March 16, 2021

- ## 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 2-8-4][326 IAC 2-8-5(a)(1)]

- C.10 Compliance Monitoring [326 IAC 2-8-4(3)][326 IAC 2-8-5(a)(1)]
C.11 Instrument Specifications [326 IAC 2-1.1-11] [326 IAC 2-8-4(3)]
[326 IAC 2-8-5(1)]

Corrective Actions and Response Steps [326 IAC 2-8-4][326 IAC 2-8-5(a)(1)]

- C.12 Risk Management Plan [326 IAC 2-8-4] [40 CFR 68]
C.13 Response to Excursions or Exceedances [326 IAC 2-8-4] [326 IAC 2-8-5]
C.14 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-8-4]
[326 IAC 2-8-5]

Record Keeping and Reporting Requirements [326 IAC 2-8-4(3)]

- C.15 General Record Keeping Requirements [326 IAC 2-8-4(3)] [326 IAC 2-8-5]
C.16 General Reporting Requirements [326 IAC 2-8-4(3)(C)] [326 IAC 2-1.1-11]

Stratospheric Ozone Protection

- C.17 Compliance with 40 CFR 82 and 326 IAC 22-1

D.1. EMISSIONS UNIT OPERATION CONDITIONS..... 31

Emission Limitations and Standards [326 IAC 2-8-4(1)]

- D.1.1 FESOP Limitations [326 IAC 2-8-4][326 IAC 2-4.1]
D.1.2 Preventive Maintenance Plan [326 IAC 2-8-4(d)]

Compliance Determination Requirements

- D.1.3 Volatile Organic Compounds (VOC) [326 IAC 8-1-2][326 IAC 8-1-4]

Record Keeping and Reporting Requirements [326 IAC 2-8-4(3)]

- D.1.4 Record Keeping Requirements
D.1.5 Reporting Requirements

D.2. EMISSIONS UNIT OPERATION CONDITIONS..... 36

Emission Limitations and Standards [326 IAC 2-8-4(1)]

- D.2.1 Particulate Emission Limitations [326 IAC 6-3-2]
D.2.2 Preventive Maintenance Plan [326 IAC 2-8-4(9)]

Compliance Determination Requirements

- D.2.3 Particulate Control

Compliance Monitoring Requirements [326 IAC 2-8-4][326 IAC 2-8-5(a)(1)]

- D.2.4 Baghouse Inspections
D.2.5 Broken or Failed Bag Detection

Record Keeping and Reporting Requirements [326 IAC 2-8-4(3)]

- D.2.6 Record Keeping Requirements

Certification Form	43
Emergency Occurrence Form	44
Quarterly Report Form(s)	46-47
Quarterly Deviation and Compliance Monitoring Report Form	48

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 through A.3 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 2-8-3(b)]

The Permittee owns and operates a stationary non-motorized travel trailer manufacturing plant.

Source Address(es):	1001 All Pro Drive, Elkhart, IN 46514 2944 Dexter Drive, Elkhart, IN 46514 1140 D.I. Drive, Elkhart, IN 46514 1111 All Pro Drive, Elkhart, IN 46514 2900 Dexter Drive, Elkhart, IN 46514 1330 Wade Drive, Elkhart, IN 46514 1110 C.R. 6 West, Elkhart, IN 46514 2950 Paul Drive, Elkhart, IN 46514 2824 Paul Drive, Elkhart, IN 46514 2946 Jami Drive, Elkhart, IN 46514 1110 D.I Drive, Elkhart, IN 46514 2929 Gateway Drive, Elkhart, IN 46514
General Source Phone Number:	(574) 262-5992
SIC Code:	3792
County Location:	Elkhart
Source Location Status:	Attainment for all criteria pollutants
Source Status:	Federally Enforceable State 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 [326 IAC 2-8-1] [326 IAC 2-7-1(22)]

This non-motorized travel trailer manufacturing source consists of fifteen (15) plants located at eleven (11) addresses:

- (a) Plants 2, 7A, and 7B (Assembly) are located at 1001 All Pro Drive, Elkhart, IN 46514;
- (b) Plant 3 (Hot-melt Lamination) is located at 2944 Dexter Drive, Elkhart, IN 46514;
- (c) Plant 11 (Sidewall Lamination) is located at 1140 D.I. Drive, Elkhart, IN 46514;
- (d) Plant 12 (Counter Top) is located at 1111 All Pro Drive, Elkhart, IN 46514;
- (e) Plant 14 (Returns/Service) is located 2900 Dexter Drive, Elkhart, IN 46514;
- (f) Plant 16 (Assembly) is located at 1330 Wade Drive, Elkhart, IN 46514;
- (g) Plant 17 and 18 (Assembly) are located at 110 CR 6 West, Elkhart, IN 46514;
- (h) Plant 19 (Small Parts Lamination) 1110 D.I Drive, Elkhart, IN 46514
- (i) Plant 21 is located at 2950 Paul Drive, Elkhart, IN 46514;

- (j) Plant 22 is located at 2824 Paul Drive, Elkhart, IN 46514;
- (k) Plant 23 is located at 2946 Jami Drive, Elkhart, IN 46514; and
- (l) Plants 69A and 69B (Assembly) are located at 2929 Gateway Drive, Elkhart, IN 46514.

Since the sixteen (16) plants are located on contiguous or adjacent properties, or within two (2) miles of each other, belong to the same industrial grouping, and are under common control of the same entity, they will be considered one (1) source, effective from the date of issuance of this New Source Construction and FESOP Renewal.

A.3 Emission Units and Pollution Control Equipment Summary [326 IAC 2-8-3(c)(3)]

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

Plant 2 (1001 All Pro Drive, Elkhart, IN 46514)

- (a) One (1) chassis preparation operation, identified as CP2, constructed in 2005, with a maximum capacity of 1.25 units per hour and uses less than five (5) gallons of coating per day, applying a rubberized undercoating to metal substrates, utilizing no control devices, and exhausting within the building.
- (b) One (1) assembly line operation, identified as ALO2, constructed in 2005, with a maximum capacity of 1.25 units per hour, applying various coatings to metal, wood, fabric, and plastic substrates via flow coating, utilizing no control devices, and exhausting within the building.
- (c) One (1) touch-up paint operation, identified as TP2, constructed in 2005, with a maximum capacity of 1.25 units per hour and uses less than five (5) gallons of coating per day, applying paint to metal substrates, utilizing no control devices, and exhausting within the building.
- (d) One (1) final finish operation, identified as FF2, constructed in 2005, with a maximum capacity of 1.25 units per hour and uses less than five (5) gallons of coating per day, applying polish, cleaners, and markers to metal, plastic, and wood substrates, utilizing no control devices, and exhausting within the building.
- (e) One (1) cabinet and molding assembly operation, identified as WW2, constructed in 2005, controlled by baghouse 2DC-01, exhausting within the building, and consisting of multiple sanders, saws, and routers, each with a maximum throughput rate of 400 lbs/hr.
- (f) One (1) PVC chop saw, identified as 2CS1, constructed in 2006, with a maximum capacity of 10 cuts per hour, utilizing no control device, and exhausting within the building.
- (g) Two (2) aluminum chop saws, identified as 2CS2 and 2CS3, constructed in 2006, with a combined maximum capacity of 10 cuts per hour, utilizing no control devices, and exhausting within the building.
- (h) Four (4) wood chop saws, identified as 2CS4 through 2CS7, constructed in 2006, with a combined maximum capacity of 20 cuts per hour, utilizing no control devices, and exhausting within the building.
- (i) Two (2) drill presses, identified as 2DP1 and 2DP2, constructed in 2006, with a combined maximum capacity of 5 pieces per hour, utilizing no control devices, and exhausting

within the building.

- (j) Six (6) hand routers, identified as 2HR1 through 2HR6, constructed in 2006, with a combined maximum capacity of 120 feet per hour, utilizing no control devices, and exhausting within the building.

Plant 3 (2944 Dexter Drive, Elkhart, IN 46514)

- (a) One (1) small parts lamination process, identified as SPL3, approved for construction in 2011, with a maximum capacity of 10 units per hour, applying adhesives to wood and plastic substrates via roll coating, utilizing no control devices.

Plant 7A / 7B (1001 All Pro Drive, Elkhart, IN 46514)

- (a) One (1) chassis preparation operation, identified as CP7A/7B, approved for construction in 2011, with a maximum capacity of 1.25 units per hour and uses less than five (5) gallons of coating per day, applying a rubberized undercoating to metal substrates, utilizing no control devices, exhausting within the building.
- (b) Two (2) assembly line operations, identified as ALO7A and ALO7B, approved for construction in 2011, with a combined maximum capacity of 1.25 units per hour, each applying various coatings to metal, wood, fabric, and plastic substrates via flow coating, utilizing no control devices, and exhausting within the building.
- (c) One (1) touch-up paint operation, identified as TP7A/7B, approved for construction in 2011, with a maximum capacity of 1.25 units per hour and uses less than five (5) gallons of coating per day, applying paint to metal substrates, utilizing no control devices, and exhausting within the building.
- (d) One (1) final finish operation, identified as FF7A/7B, approved for construction in 2011, with a maximum capacity of 1.25 units per hour and uses less than five (5) gallons of coating per day, applying polish, cleaners, and markers to metal, plastic, and wood substrates, utilizing no control devices, and exhausting within the building.
- (e) One (1) cabinet and molding assembly operation, identified as WW7A/7B, approved for construction in 2011, controlled by baghouse 7A/7BDC-01, exhausting within the building, and consisting of multiple sanders, saws, and routers, each with a maximum throughput rate of 400 lbs/hr.
- (f) One (1) PVC chop saw, identified as 7ACS1, approved for construction in 2011, with a maximum capacity of 10 cuts per hour, utilizing no control device, and exhausting within the building.
- (g) Two (2) aluminum chop saws, identified as 7ACS2 and 7ACS-3, approved for construction in 2011, with a combined maximum capacity of 10 cuts per hour, utilizing no control devices, and exhausting within the building.
- (h) Four (4) wood chop saws, identified as 7ACS4 through 7ACS8, approved for construction in 2011, with a combined maximum capacity of 20 cuts per hour, utilizing no control devices, and exhausting within the building.
- (i) Two (2) drill presses, identified as 7ADP1 and 7ADP2, approved for construction in 2011, with a combined maximum capacity of 5 pieces per hour, utilizing no control devices, and exhausting within the building.
- (j) Six (6) hand routers, identified as 7AHR1 through 7AHR6, approved for construction in

2011, with a combined maximum capacity of 120 feet per hour, utilizing no control devices, and exhausting within the building.

Plant 11 (1140 D.I. Drive, Elkhart, IN 46514)

- (a) One (1) sidewall lamination operation, identified as SLO11, approved for construction in 2011, with a maximum capacity of 20 units per hour, applying adhesives to wood and plastic substrates via roll coating, utilizing no control devices.

Plant 12 (1111 All Pro Drive, Elkhart, IN 46514)

- (a) One (1) cabinet and molding assembly operation, identified as WWE12, approved for construction in 2011, and consisting of the following:
 - (1) Two (2) 6 inch edge sanders, each with a maximum capacity of 150 lbs per hour, controlled by baghouse 12DC-01, and exhausting within the building.
 - (2) Four (4) 12 inch chop saws, each with a maximum capacity of 50 lbs per hour, controlled by baghouse 12DC-01, and exhausting within the building.
 - (3) One (1) 10 inch band saw, with a maximum capacity of 200 lbs per hour, controlled by baghouse 12DC-01, and exhausting within the building.
 - (4) Two (2) 12 inch table saws, each with a maximum capacity of 100 lbs per hour, controlled by baghouse 12DC-02, and exhausting within the building.
 - (5) One (1) panel saw, with a maximum capacity of 200 lbs per hour, controlled by baghouse 12DC-02, and exhausting within the building.
 - (6) One (1) CNC router, with a maximum capacity of 600 lbs per hour, controlled by baghouse 12DC-03, and exhausting within the building.
 - (7) One (1) CNC router, with a maximum capacity of 600 lbs per hour, controlled by baghouse 12DC-04, and exhausting within the building.
 - (8) One (1) CNC router, identified as CNC3, approved for construction in 2013, with a maximum capacity of 600 lbs per hour, equipped with an integral baghouse 12DC-03, and exhausting within the building.
- (b) One (1) manual sanding operation, identified as MPE14, approved for construction in 2011, with a maximum capacity of 200 feet per hour, utilizing no control devices, and exhausting within the building.

Plant 14 (2900 Dexter Drive, Elkhart, IN 46514)

Return and service center.

Plant 16 (1330 Wade Drive, Elkhart, IN 46514)

- (a) One (1) chassis preparation operation, identified as CP16, approved for construction in 2011, with a maximum capacity of 0.50 units per hour and uses less than five (5) gallons of coating per day, applying a rubberized undercoating to metal substrates, utilizing no control devices.
- (b) One (1) assembly line operation, identified as ALO16 approved for construction in 2011, with a maximum capacity of 0.50 units per hour, applying various coatings to metal, wood, fabric, and plastic substrates via flow coating, utilizing no control devices.

- (c) One (1) touch-up paint operation, identified as TP16, approved for construction in 2011, with a maximum capacity of 0.50 units per hour and uses less than five (5) gallons of coating per day, applying paint to metal substrates, utilizing no control devices.
- (d) One (1) final finish operation, identified as FF16, approved for construction in 2011, with a maximum capacity of 0.50 units per hour and uses less than five (5) gallons of coating per day, applying polish, cleaners, and markers to metal, plastic, and wood substrates, utilizing no control devices.
- (e) One (1) cabinet and molding assembly operation, identified as WW16, approved for construction in 2011, controlled by baghouse 16DC-01, exhausting within the building, and consisting of multiple sanders, saws, and routers, each with a maximum throughput rate of 300 lbs/hr.
- (f) One (1) PVC chop saw, identified as 16CS1, approved for construction in 2011, with a maximum capacity of 10 cuts per hour, utilizing no control device, and exhausting within the building.
- (g) One (1) table router, identified as 16TR1, approved for construction in 2011, with a maximum capacity of 20 cuts per hour, utilizing no control devices, and exhausting within the building.
- (h) Four (4) wood chop saws, identified as 16CS2 through 16CS5, approved for construction in 2011, with a combined maximum capacity of 20 cuts per hour, utilizing no control devices, and exhausting within the building.
- (i) Two (2) drill presses, identified as 16DP1 and 16DP2, approved for construction in 2011, with a combined maximum capacity of 5 pieces per hour, utilizing no control devices, and exhausting within the building.
- (j) Four (4) hand routers, identified as 16HR1 through 16HR4, approved for construction in 2011, with a combined maximum capacity of 80 feet per hour, utilizing no control devices, and exhausting within the building.

Plant 17 / 18 (1110 CR 6 West, Elkhart, IN 46514)

- (a) One (1) chassis preparation operation, identified as CP17/18, approved for construction in 2011, with a maximum capacity of 0.50 units per hour and uses less than five (5) gallons of coating per day, applying a rubberized undercoating to metal substrates, utilizing no control devices.
- (b) Two (2) assembly line operations, identified as ALO17 and ALO18, approved for construction in 2011, with a combined maximum capacity of 0.50 units per hour, each applying various coatings to metal, wood, fabric, and plastic substrates via flow coating, utilizing no control devices.
- (c) One (1) touch-up paint operation, identified as TP17/18, approved for construction in 2011, with a maximum capacity of 0.50 units per hour and uses less than five (5) gallons of coating per day, applying paint to metal substrates, utilizing no control devices.
- (d) One (1) final finish operation, identified as FF17/18, approved for construction in 2011, with a maximum capacity of 0.50 units per hour and uses less than five (5) gallons of coating per day, applying polish, cleaners, and markers to metal, plastic, and wood substrates, utilizing no control devices.

- (h) Four (4) hand routers, identified as 17/18HR1 through 17/18HR4, approved for construction in 2011, with a combined maximum capacity of 80 feet per hour, utilizing no control devices, and exhausting within the building.

Plants 19 (1110 D.I Drive, Elkhart, IN 46514)

- (a) One (1) small parts lamination process, identified as SPL19, approved for construction in 2011, with a maximum capacity of 20 units per hour, applying adhesives to wood and plastic substrates via roll coating, utilizing no control devices.

Plants 21, 22, 23 (2950 Paul Drive, 2824 Paul Drive, & 2946 Jami Drive, Elkhart, IN 46514)

- (a) One (1) chassis preparation operation, identified as CP21/22/23, approved for construction in 2011, with a maximum capacity of 0.75 units per hour and uses less than five (5) gallons of coating per day, applying rubberized undercoating to metal substrates, utilizing no control devices.
- (b) One (1) assembly line operation, identified as CP21/22/23, approved for construction in 2011, with a maximum capacity of 0.75 units per hour, applying various coatings to metal, wood, fabric, and plastic substrates via flow coating, utilizing no control devices.
- (c) One (1) touch-up paint operation, identified as CP21/22/23, approved for construction in 2011, with a maximum capacity of 0.75 units per hour and uses less than five (5) gallons of coating per day, applying paint to metal substrates, utilizing no control devices.
- (d) One (1) final finish operation, identified as FF21/22/23, approved for construction in 2011, with a maximum capacity of 0.75 units per hour and uses less than five (5) gallons of coating per day, applying polish, cleaners, and markers to metal, plastic, and wood substrates, utilizing no control devices.
- (e) One (1) cabinet and molding assembly operation, identified as WW21/22/23, approved for construction in 2011, controlled by baghouse 21DC-01, exhausting within the building, and consisting of multiple sanders, saws, and routers, each with a maximum throughput rate of 300 lbs/hr.
- (f) One (1) PVC chop saw, identified as 21CS1, approved for construction in 2011, with a maximum capacity of 10 cuts per hour, utilizing no control device, and exhausting within the building.
- (g) Three (3) table saws, identified as 21TS1 through 21TS3, approved for construction in 2011, with a combined maximum capacity of 10 cuts per hour, utilizing no control devices, and exhausting within the building.
- (h) Four (4) wood chop saws, identified as 21CS2 through 21CS5, approved for construction

Permit Reviewer: Jason R. Krawczyk

Plant 69A / 69B (2929 Gateway Drive, Elkhart, IN 46514)

This stationary source also includes the following insignificant activities:

- (a) One (1) welding and cutting operation, identified as WC2, constructed in 2007, consisting of:
 - (1) One (1) metal inert gas (MIG) welding station, with a maximum electrode usage of 1.00 lbs/hr (Wire Type E70S);
 - (2) One (1) stick welding station, with a maximum electrode usage of 0.50 lbs/hr (E5154 Electrode); and
 - (3) One (1) oxyacetylene/electric arc cutting station, cutting a maximum metal thickness of 0.75 inches and a maximum metal cutting rate of 12 inches per minute.
- (b) Natural gas-fired combustion sources with heat input equal to or less than ten (10) million BTU per hour:
 - (1) Two (2) forced air furnaces, identified as 2H-01 and 2H-02, each rated at 1.30 MMBtu/hr; and
 - (2) Two (2) forced air furnaces, identified as 2H-03 and 2H-04, each rated at 0.09 MMBtu/hr.

- (a) Four (4) metal inert gas (MIG) welding stations, identified as WC3, approved for construction in 2011, each with a maximum electrode usage of 5.40 lbs/hr (Wire Type E70S).
- (b) Natural gas-fired combustion sources with heat input equal to or less than ten (10) million BTU per hour:
 - (1) Seven (7) tube heaters, identified as 3H-01 through 3H-07, each rated at 0.35 MMBtu/hr;
 - (2) One (1) tube heater, identified as 3H-08, rated at 0.10 MMBtu/hr; and
 - (3) One (1) forced air furnace, identified as 3H-09, rated at 0.08 MMBtu/hr.

- (a) One (1) welding and cutting operation, identified as WC7A/7B, approved for construction in 2011, consisting of:
 - (1) One (1) metal inert gas (MIG) welding station, with a maximum electrode usage of 1.00 lbs/hr (Wire Type E70S);
 - (2) One (1) stick welding station, with a maximum electrode usage of 0.50 lbs/hr (E5154 Electrode); and

- (3) One (1) oxyacetylene/electric arc cutting station, cutting a maximum metal thickness of 0.75 inches and a maximum metal cutting rate of 12 inches per minute.
- (b) Natural gas-fired combustion sources with heat input equal to or less than ten (10) million BTU per hour:
 - (1) Two (2) forced air furnaces, identified as 7AH-01 and 7AH-02, each rated at 0.464 MMBtu/hr; and
 - (2) Two (2) forced air furnaces, identified as 7AH-03 and 7AH-04, each rated at 0.09 MMBtu/hr.

Plant 11 (1140 D.I. Drive, Elkhart, IN 46514)

- (a) Six (6) metal inert gas (MIG) welding stations, identified as WC11, approved for construction in 2011, each with a maximum electrode usage of 5.40 lbs/hr (Wire Type E70S).
- (b) Natural gas-fired combustion sources with heat input equal to or less than ten (10) million BTU per hour:
 - (1) Twelve (12) tube heaters, identified as 11H-01 through 11H-12, each rated at 0.10 MMBtu/hr.

Plant 12 (1111 All Pro Drive, Elkhart, IN 46514)

- (a) Nine (9) aluminum welding stations, identified as WC12, approved for construction in 2011, each with a maximum electrode usage of 5.40 lbs/hr.
- (b) Natural gas-fired combustion sources with heat input equal to or less than ten (10) million BTU per hour:
 - (1) One (1) forced air furnace, identified as 12H-01, rated at 0.114 MMBtu/hr;
 - (2) One (1) forced air furnace, identified as 12H-02, rated at 0.08 MMBtu/hr; and
 - (3) Three (3) thermo cyclers, identified as 12H-03 through 12H-05, each rated at 1.20 MMBtu/hr.

Plant 14 (2900 Dexter Drive, Elkhart, IN 46514)

- (a) Natural gas-fired combustion sources with heat input equal to or less than ten (10) million BTU per hour:
 - (1) Two (2) forced air furnaces, identified as 14H-01 and 14H-02, each rated at 0.80 MMBtu/hr;
 - (2) Two (2) forced air furnaces, identified as 14H-03 and 14H-04, each rated at 0.14 MMBtu/hr; and
 - (3) One (1) thermo cycler, identified as 14H-05, rated at 0.40 MMBtu/hr.

Plant 16 (1330 Wade Drive, Elkhart, IN 46514)

- (a) One (1) welding and cutting operation, identified as WC16, approved for construction in

2011, consisting of:

- (1) One (1) metal inert gas (MIG) welding station, with a maximum electrode usage of 1.00 lbs/hr (Wire Type E70S); and
 - (2) One (1) oxyacetylene/electric arc cutting station, cutting a maximum metal thickness of 0.75 inches and a maximum metal cutting rate of 12 inches per minute.
- (b) Natural gas-fired combustion sources with heat input equal to or less than ten (10) million BTU per hour:
- (1) Two (2) forced air furnaces, identified as 16H-01 and 16H-02, each rated at 0.80 MMBtu/hr; and
 - (2) Two (2) forced air furnaces, identified as 16H-03 and 16H-04, each rated at 0.09 MMBtu/hr.

Plant 17 / 18 (1110 CR 6 West, Elkhart, IN 46514)

- (a) One (1) metal inert gas (MIG) welding station, identified as WC17/18 with a maximum electrode usage of 1.00 lbs/hr (Wire Type E70S).
- (b) Natural gas-fired combustion sources with heat input equal to or less than ten (10) million BTU per hour:
 - (1) Two (2) forced air furnaces, identified as 17/18H-01 and 17/18H-02, each rated at 0.15 MMBtu/hr; and
 - (2) Two (2) forced air furnaces, identified as 17/18H-03 and 17/18H-04, each rated at 0.15 MMBtu/hr.

Plant 21, 22, 23 (2950 Paul Drive, 2824 Paul Drive, & 2946 Jami Drive, Elkhart, IN 46514)

- (a) One (1) welding and cutting operation, identified as WC21/22/23 approved for construction in 2011, consisting of:
 - (1) Two (2) metal inert gas (MIG) welding stations, each with a maximum electrode usage of 1.00 lbs/hr (Wire Type E70S); and
 - (2) One (1) oxyacetylene/electric arc cutting station, cutting a maximum metal thickness of 0.75 inches and a maximum metal cutting rate of 12 inches per minute.
- (b) Natural gas-fired combustion sources with heat input equal to or less than ten (10) million BTU per hour:
 - (1) Twelve (12) radiant tube heaters, identified as 21/22/23H-01 through 21/22/23H-12, each rated at 0.08 MMBtu/hr; and
 - (2) Three (3) forced air furnaces, identified as 21/22/23H-13 through 21/22/23H-16, each rated at 0.06 MMBtu/hr.

Plant 69A / 69B (2929 Gateway Drive, Elkhart, IN 46514)

- (a) Natural gas-fired combustion sources with heat input equal to or less than ten (10) million BTU per hour:
 - (1) Sixteen (16) radiant tube heaters, identified as 69H-01 through 69H-16, each rated at 0.14 MMBtu/hr;
 - (2) Two (2) forced air furnaces, identified as 69H-17 and 69H-18, each rated at 0.10 MMBtu/hr; and
 - (3) Two (2) forced air furnaces, identified as 69H-19 and 69H-20, each rated at 0.12 MMBtu/hr.

A.5 FESOP Applicability [326 IAC 2-8-2]

This stationary source, otherwise required to have a Part 70 permit as described in 326 IAC 2-7-2(a), has applied to the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ) to renew a Federally Enforceable State Operating Permit (FESOP).

GENERAL CONDITIONS

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 2-7) shall prevail.

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

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

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.

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.

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.

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

(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.

(a) A certification required by this permit meets the requirements of 326 IAC 2-8-5(a)(1) if:

- (1) it contains a certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1), and
- (2) the certification states that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
- (b) The Permittee may use the attached Certification Form, or its equivalent with each submittal requiring certification. One (1) certification may cover multiple forms in one (1) submittal.
- (c) An "authorized individual" is defined at 326 IAC 2-1.1-1(1).

B.9 Annual Compliance Certification [326 IAC 2-8-5(a)(1)]

- (a) The Permittee shall annually submit a compliance certification report which addresses the status of the source's compliance with the terms and conditions contained in this permit, including emission limitations, standards, or work practices. The initial certification shall cover the time period from the date of final permit issuance through December 31 of the same year. All subsequent certifications shall cover the time period from January 1 to December 31 of the previous year, and shall be submitted no later than April 15 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
- (b) The annual compliance certification report required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.
- (c) The annual compliance certification report shall include the following:
 - (1) The appropriate identification of each term or condition of this permit that is the basis of the certification;
 - (2) The compliance status;
 - (3) Whether compliance was continuous or intermittent;
 - (4) The methods used for determining the compliance status of the source, currently and over the reporting period consistent with 326 IAC 2-8-4(3); and
 - (5) Such other facts, as specified in Sections D of this permit, as IDEM, OAQ may require to determine the compliance status of the source.

The submittal by the Permittee does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

IDEM, OAQ may issue a compliance order to this Permittee upon discovery that this permit is in nonconformance with an applicable requirement. The order may require immediate compliance or contain a schedule for expeditious compliance with the applicable requirement.

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

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

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

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

The PMP extension notification does not require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

The Permittee shall implement the PMPs.

- (b) A copy of the PMPs shall be submitted to IDEM, OAQ upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or is the primary contributor to an exceedance of any limitation on emissions. The PMPs and their submittal do not require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (c) To the extent the Permittee is required by 40 CFR Part 60/63 to have an Operation Maintenance, and Monitoring (OMM) Plan for a unit, such Plan is deemed to satisfy the PMP requirements of 326 IAC 1-6-3 for that unit.

(a) An emergency, as defined in 326 IAC 2-7-1(12), is not an affirmative defense for an action brought for noncompliance with a federal or state health-based emission limitation except as provided in 326 IAC 2-8-12.

(b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a health-based or technology-based emission limitation if the affirmative defense of an emergency is demonstrated through properly

signed, contemporaneous operating logs or other relevant evidence that describe the following:

- (1) An emergency occurred and the Permittee can, to the extent possible, identify the causes of the emergency;
- (2) The permitted facility was at the time being properly operated;
- (3) During the period of an emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements in this permit;
- (4) For each emergency lasting one (1) hour or more, the Permittee notified IDEM, OAQ or Northern Regional Office within four (4) daytime business hours after the beginning of the emergency, or after the emergency was discovered or reasonably should have been discovered;

Telephone Number: 1-800-451-6027 (ask for Office of Air Quality, Compliance and Enforcement Branch), or
Telephone Number: 317-233-0178 (ask for Office of Air Quality, Compliance and Enforcement Branch)
Facsimile Number: 317-233-6865
Northern Regional Office phone: (574) 245-4870; fax: (574) 245-4877.

- (5) For each emergency lasting one (1) hour or more, the Permittee submitted the attached Emergency Occurrence Report Form or its equivalent, either by mail or facsimile 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

within two (2) working days of the time when emission limitations were exceeded due to the emergency.

The notice fulfills the requirement of 326 IAC 2-8-4(3)(C)(ii) and must contain the following:

- (A) A description of the emergency;
- (B) Any steps taken to mitigate the emissions; and
- (C) Corrective actions taken.

The notification which shall be submitted by the Permittee does not require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (6) The Permittee immediately took all reasonable steps to correct the emergency.
- (c) In any enforcement proceeding, the Permittee seeking to establish the occurrence of an emergency has the burden of proof.

- (d) This emergency provision supersedes 326 IAC 1-6 (Malfunctions). This permit condition is in addition to any emergency or upset provision contained in any applicable requirement.
- (e) The Permittee seeking to establish the occurrence of an emergency shall make records available upon request to ensure that failure to implement a PMP did not cause or contribute to an exceedance of any limitations on emissions. However, IDEM, OAQ may require that the Preventive Maintenance Plans required under 326 IAC 2-8-3(c)(6) be revised in response to an emergency.
- (f) Failure to notify IDEM, OAQ by telephone or facsimile of an emergency lasting more than one (1) hour in accordance with (b)(4) and (5) of this condition shall constitute a violation of 326 IAC 2-8 and any other applicable rules.
- (g) Operations may continue during an emergency only if the following conditions are met:
 - (1) If the emergency situation causes a deviation from a technology-based limit, the Permittee may continue to operate the affected emitting facilities during the emergency provided the Permittee immediately takes all reasonable steps to correct the emergency and minimize emissions.
 - (2) If an emergency situation causes a deviation from a health-based limit, the Permittee may not continue to operate the affected emissions facilities unless:
 - (A) The Permittee immediately takes all reasonable steps to correct the emergency situation and to minimize emissions; and
 - (B) Continued operation of the facilities is necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw material of substantial economic value.

Any operations shall continue no longer than the minimum time required to prevent the situations identified in (g)(2)(B) of this condition.

B.13 Prior Permits Superseded [326 IAC 2-1.1-9.5]

- (a) All terms and conditions of permits established prior to - 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.14 Termination of Right to Operate [326 IAC 2-8-9][326 IAC 2-8-3(h)]

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 nine (9) months prior to the date of expiration of the source's existing permit, consistent with 326 IAC 2-8-3(h) and 326 IAC 2-8-9.

- (a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a Federally Enforceable State Operating Permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of this permit. [326 IAC 2-8-4(5)(C)] The notification by the Permittee does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (b) This permit shall be reopened and revised under any of the circumstances listed in IC 13-15-7-2 or if IDEM, OAQ determines any of the following:
 - (1) That this permit contains a material mistake.
 - (2) That inaccurate statements were made in establishing the emissions standards or other terms or conditions.
 - (3) That this permit must be revised or revoked to assure compliance with an applicable requirement. [326 IAC 2-8-8(a)]
- (c) Proceedings by IDEM, OAQ to reopen and revise this permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of this permit for which cause to reopen exists. Such reopening and revision shall be made as expeditiously as practicable. [326 IAC 2-8-8(b)]
- (d) The reopening and revision of this permit, under 326 IAC 2-8-8(a), shall not be initiated before notice of such intent is provided to the Permittee by IDEM, OAQ at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAQ may provide a shorter time period in the case of an emergency. [326 IAC 2-8-8(c)]

(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 2-8-3. Such information shall be included in the application for each emission unit at this source, except those emission units included on the trivial or insignificant activities list contained in 326 IAC 2-7-1(21) and 326 IAC 2-7-1(42). The renewal application does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

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 nine (9) months 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

(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 2-8 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 2-8-3(g), in writing by IDEM, OAQ any additional information identified as being needed to process the application.

(a) Permit amendments and revisions are governed by the requirements of 326 IAC 2-8-10 or 326 IAC 2-8-11.1 whenever the Permittee seeks to amend or modify this permit.

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 may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request.
[326 IAC 2-8-10(b)(3)]

(a) The Permittee may make any change or changes at the source that are described in 326 IAC 2-8-15(b) and (c) without a prior permit revision, if each of the following conditions is met:

- (1) The changes are not modifications under any provision of Title I of the Clean Air Act;
- (2) Any approval required by 326 IAC 2-8-11.1 has been obtained;
- (3) The changes do not result in emissions which exceed the limitations provided in this permit (whether expressed herein as a rate of emissions or in terms of total emissions);
- (4) The Permittee notifies the:

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

and

United States Environmental Protection Agency, Region V
Air and Radiation Division, Regulation Development Branch - Indiana (AR-18J)
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

in advance of the change by written notification at least ten (10) days in advance of the proposed change. The Permittee shall attach every such notice to the Permittee's copy of this permit; and

- (5) The Permittee maintains records on-site, on a rolling five (5) year basis, which document all such changes and emission trades that are subject to 326 IAC 2-8-15(b)(1) and (c). The Permittee shall make such records available, upon reasonable request, for public review.

Such records shall consist of all information required to be submitted to IDEM, OAQ in the notices specified in 326 IAC 2-8-15(b)(1) and (c).

- (b) Emission Trades [326 IAC 2-8-15(b)]
The Permittee may trade emissions increases and decreases at the source, where the applicable SIP provides for such emission trades without requiring a permit revision, subject to the constraints of Section (a) of this condition and those in 326 IAC 2-8-15(b).
- (c) Alternative Operating Scenarios [326 IAC 2-8-15(c)]
The Permittee may make changes at the source within the range of alternative operating scenarios that are described in the terms and conditions of this permit in accordance with 326 IAC 2-8-4(7). No prior notification of IDEM, OAQ or U.S. EPA is required.
- (d) Backup fuel switches specifically addressed in, and limited under, Section D of this permit shall not be considered alternative operating scenarios. Therefore, the notification requirements of part (a) of this condition do not apply.

B.19 Source Modification Requirement [326 IAC 2-8-11.1]

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

B.20 Inspection and Entry [326 IAC 2-8-5(a)(2)][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 FESOP 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;

- ## B.21 Transfer of Ownership or Operational Control [326 IAC 2-8-10]

- Any such application does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- B.22 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-8-4(6)] [326 IAC 2-8-16][326 IAC 2-1.1-7]

- B.23 Credible Evidence [326 IAC 2-8-4(3)][326 IAC 2-8-5][62 FR 8314] [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 2-8-4(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 Overall Source Limit [326 IAC 2-8]

The purpose of this permit is to limit this source's potential to emit to less than major source levels for the purpose of Section 502(a) of the Clean Air Act.

(a) Pursuant to 326 IAC 2-8:

- (1) The potential to emit any regulated pollutant, except particulate matter (PM) and greenhouse gases (GHGs), from the entire source shall be limited to less than one hundred (100) tons per twelve (12) consecutive month period.
- (2) The potential to emit any individual hazardous air pollutant (HAP) from the entire source shall be limited to less than ten (10) tons per twelve (12) consecutive month period; and
- (3) The potential to emit any combination of HAPs from the entire source shall be limited to less than twenty-five (25) tons per twelve (12) consecutive month period.
- (4) The potential to emit greenhouse gases (GHGs) from the entire source shall be limited to less than one hundred thousand (100,000) tons of CO₂ equivalent emissions (CO₂e) per twelve (12) consecutive month period.

(b) Pursuant to 326 IAC 2-2 (PSD), potential to emit particulate matter (PM) from the entire source shall be limited to less than one hundred (100) tons per twelve (12) consecutive month period.

(c) This condition shall include all emission points at this source including those that are insignificant as defined in 326 IAC 2-7-1(21). The source shall be allowed to add insignificant activities not already listed in this permit, provided that the source's potential to emit does not exceed the above specified limits.

(d) Section D of this permit contains independently enforceable provisions to satisfy this requirement.

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.

- #### 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]

- Indiana Department of Environmental Management

The notice shall include a signed certification from the owner or operator that the information provided in this notification is correct and that only Indiana licensed workers and project supervisors will be used to implement the asbestos removal project. The notifications do not require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- ## Testing Requirements [326 IAC 2-8-4(3)]

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

no later than thirty-five (35) days prior to the intended test date. The protocol submitted by the Permittee does not require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (b) The Permittee shall notify IDEM, OAQ of the actual test date at least fourteen (14) days prior to the actual test date. The notification submitted by the Permittee does not require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (c) Pursuant to 326 IAC 3-6-4(b), all test reports must be received by IDEM, OAQ not later than forty-five (45) days after the completion of the testing. An extension may be granted by IDEM, OAQ if the Permittee submits to IDEM, OAQ a reasonable written explanation not later than five (5) days prior to the end of the initial forty-five (45) day period.

Compliance Requirements [326 IAC 2-1.1-11]

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

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

Compliance Monitoring Requirements [326 IAC 2-8-4][326 IAC 2-8-5(a)(1)]

C.10 Compliance Monitoring [326 IAC 2-8-4(3)][326 IAC 2-8-5(a)(1)]

- (a) For new units:
Unless otherwise specified in the approval for the new emission unit(s), compliance monitoring for new emission units shall be implemented on and after the date of initial start-up.

- (b) For existing units:
Unless otherwise specified in this permit, for all monitoring requirements not already legally required, the Permittee shall be allowed up to ninety (90) days from the date of permit issuance to begin such monitoring. If, due to circumstances beyond the Permittee's control, any monitoring equipment required by this permit cannot be installed and operated no later than ninety (90) days after permit issuance, the Permittee may extend the compliance schedule related to the equipment for 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

in writing, prior to the end of the initial ninety (90) day compliance schedule, with full justification of the reasons for the inability to meet this date.

The notification which shall be submitted by the Permittee does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

C.11 Instrument Specifications [326 IAC 2-1.1-11] [326 IAC 2-8-4(3)][326 IAC 2-8-5(1)]

- (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.

- | | |
|-----|---|
| (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. |

The response action documents submitted pursuant to this condition do require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

Record Keeping and Reporting Requirements [326 IAC 2-8-4(3)]

C.15 General Record Keeping Requirements [326 IAC 2-8-4(3)] [326 IAC 2-8-5]

- (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. Support information includes the following, where applicable:

- (AA) All calibration and maintenance records.
- (BB) All original strip chart recordings for continuous monitoring instrumentation.
- (CC) Copies of all reports required by the FESOP.

Records of required monitoring information include the following, where applicable:

- (AA) The date, place, as defined in this permit, and time of sampling or measurements.
- (BB) The dates analyses were performed.
- (CC) The company or entity that performed the analyses.
- (DD) The analytical techniques or methods used.
- (EE) The results of such analyses.
- (FF) The operating conditions as existing at the time of sampling or measurement.

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 2-8-4(3)(C)] [326 IAC 2-1.1-11]

- (a) The Permittee shall submit the attached Quarterly Deviation and Compliance Monitoring Report or its equivalent. Proper notice submittal under Section B –Emergency Provisions satisfies the reporting requirements of this paragraph. Any deviation from permit requirements, the date(s) of each deviation, the cause of the deviation, and the response steps taken must be reported except that a deviation required to be reported pursuant to an applicable requirement that exists independent of this permit, shall be reported according to the schedule stated in the applicable requirement and does not need to be included in this report. This report shall be submitted not later than thirty (30) days after the end of the reporting period. The Quarterly Deviation and Compliance Monitoring Report shall include a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1). A deviation is an exceedance of a permit limitation or a failure to comply with a requirement of the permit.

- (b) The address for report submittal is:

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

(c) 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.

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

C.17 Compliance with 40 CFR 82 and 326 IAC 22-1

Pursuant to 40 CFR 82 (Protection of Stratospheric Ozone), Subpart F, except as provided for motor vehicle air conditioners in Subpart B, the Permittee shall comply with applicable standards for recycling and emissions reduction.

SECTION D.1 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

Plant 2 (1001 All Pro Drive, Elkhart, IN 46514)

- (a) One (1) chassis preparation operation, identified as CP2, constructed in 2005, with a maximum capacity of 1.25 units per hour and uses less than five (5) gallons of coating per day, applying a rubberized undercoating to metal substrates, utilizing no control devices, and exhausting within the building.
- (b) One (1) assembly line operation, identified as ALO2, constructed in 2005, with a maximum capacity of 1.25 units per hour, applying various coatings to metal, wood, fabric, and plastic substrates via flow coating, utilizing no control devices, and exhausting within the building.
- (c) One (1) touch-up paint operation, identified as TP2, constructed in 2005, with a maximum capacity of 1.25 units per hour and uses less than five (5) gallons of coating per day, applying paint to metal substrates, utilizing no control devices, and exhausting within the building.
- (d) One (1) final finish operation, identified as FF2, constructed in 2005, with a maximum capacity of 1.25 units per hour and uses less than five (5) gallons of coating per day, applying polish, cleaners, and markers to metal, plastic, and wood substrates, utilizing no control devices, and exhausting within the building.

Plant 7A / 7B (1001 All Pro Drive, Elkhart, IN 46514)

- (a) One (1) chassis preparation operation, identified as CP7A/7B, approved for construction in 2011, with a maximum capacity of 1.25 units per hour and uses less than five (5) gallons of coating per day, applying a rubberized undercoating to metal substrates, utilizing no control devices, exhausting within the building.
- (b) Two (2) assembly line operations, identified as ALO7A and ALO7B, approved for construction in 2011, with a combined maximum capacity of 1.25 units per hour, each applying various coatings to metal, wood, fabric, and plastic substrates via flow coating, utilizing no control devices, and exhausting within the building.
- (c) One (1) touch-up paint operation, identified as TP7A/7B, approved for construction in 2011, with a maximum capacity of 1.25 units per hour and uses less than five (5) gallons of coating per day, applying paint to metal substrates, utilizing no control devices, and exhausting within the building.
- (d) One (1) final finish operation, identified as FF7A/7B, approved for construction in 2011, with a maximum capacity of 1.25 units per hour and uses less than five (5) gallons of coating per day, applying polish, cleaners, and markers to metal, plastic, and wood substrates, utilizing no control devices, and exhausting within the building.

Plant 16 (1330 Wade Drive, Elkhart, IN 46514)

- (a) One (1) chassis preparation operation, identified as CP16, approved for construction in 2011, with a maximum capacity of 0.50 units per hour and uses less than five (5) gallons of coating per day, applying a rubberized undercoating to metal substrates, utilizing no control devices.
- (b) One (1) assembly line operation, identified as ALO16 approved for construction in 2011, with a maximum capacity of 0.50 units per hour, applying various coatings to metal, wood, fabric, and

- (c) One (1) touch-up paint operation, identified as TP16, approved for construction in 2011, with a maximum capacity of 0.50 units per hour and uses less than five (5) gallons of coating per day, applying paint to metal substrates, utilizing no control devices.
- (d) One (1) final finish operation, identified as FF16, approved for construction in 2011, with a maximum capacity of 0.50 units per hour and uses less than five (5) gallons of coating per day, applying polish, cleaners, and markers to metal, plastic, and wood substrates, utilizing no control devices.

- (a) One (1) chassis preparation operation, identified as CP17/18, approved for construction in 2011, with a maximum capacity of 0.50 units per hour and uses less than five (5) gallons of coating per day, applying a rubberized undercoating to metal substrates, utilizing no control devices.
- (b) Two (2) assembly line operations, identified as ALO17 and ALO18, approved for construction in 2011, with a combined maximum capacity of 0.50 units per hour, each applying various coatings to metal, wood, fabric, and plastic substrates via flow coating, utilizing no control devices.
- (c) One (1) touch-up paint operation, identified as TP17/18, approved for construction in 2011, with a maximum capacity of 0.50 units per hour and uses less than five (5) gallons of coating per day, applying paint to metal substrates, utilizing no control devices.
- (d) One (1) final finish operation, identified as FF17/18, approved for construction in 2011, with a maximum capacity of 0.50 units per hour and uses less than five (5) gallons of coating per day, applying polish, cleaners, and markers to metal, plastic, and wood substrates, utilizing no control devices.

- (a) One (1) chassis preparation operation, identified as CP21/22/23, approved for construction in 2011, with a maximum capacity of 0.75 units per hour and uses less than five (5) gallons of coating per day, applying rubberized undercoating to metal substrates, utilizing no control devices.
- (b) One (1) assembly line operation, identified as CP21/22/23, approved for construction in 2011, with a maximum capacity of 0.75 units per hour, applying various coatings to metal, wood, fabric, and plastic substrates via flow coating, utilizing no control devices.
- (c) One (1) touch-up paint operation, identified as CP21/22/23, approved for construction in 2011, with a maximum capacity of 0.75 units per hour and uses less than five (5) gallons of coating per day, applying paint to metal substrates, utilizing no control devices.
- (d) One (1) final finish operation, identified as FF21/22/23, approved for construction in 2011, with a maximum capacity of 0.75 units per hour and uses less than five (5) gallons of coating per day, applying polish, cleaners, and markers to metal, plastic, and wood substrates, utilizing no control devices.

(a) One (1) chassis preparation operation, identified as CP69A/69B, approved for construction in

	2011, with a maximum capacity of 2.00 units per hour and uses less than five (5) gallons of coating per day, applying a rubberized undercoating to metal substrates, utilizing no control devices.
(b)	Two (2) assembly line operations, identified as ALO69A and ALO69B approved for construction in 2011, with a maximum capacity of 2.00 units per hour, each applying various coatings to metal, wood, fabric, and plastic substrates via flow coating, utilizing no control devices.
(c)	One (1) touch-up paint operation, identified as TP69A/69B, approved for construction in 2011, with a maximum capacity of 2.00 units per hour and uses less than five (5) gallons of coating per day, applying paint to metal substrates, utilizing no control devices.
(d)	One (1) final finish operation, identified as FF69A/69B, approved for construction in 2011, with a maximum capacity of 2.00 units per hour and uses less than five (5) gallons of coating per day, applying polish, cleaners, and markers to metal, plastic, and wood substrates, utilizing no control devices.
(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 2-8-4(1)]

D.1.1 FESOP Limitations [326 IAC 2-8-4][326 IAC 2-4.1]

Pursuant to 326 IAC 2-8-4 (FESOP), and in order to render the requirements of 326 IAC 2-4.1 (MACT) not applicable, the source shall comply with the following:

- (a) The combined total input volatile organic compounds (VOC) including solvents, coatings, and adhesives delivered to the emission units listed in the table below shall be limited to less than or equal to 98.75 tons per twelve (12) consecutive month period with compliance determined at the end of each month:
- (b) The combined total input hazardous air pollutants (HAP) delivered to the emission units listed in the table below shall be limited such that input of any single HAP shall not exceed 9.74 tons per twelve (12) consecutive month period with compliance determined at the end of each month:

Plant ID	Emission Units		
Plant 2	CP2 ALO2	TP2 FF2	
Plant 7A / 7B	CP7A/7B, ALO7A	ALO7B TP7A/7B	FF7A/7B
Plant 16	CP16 ALO16	TP16 FF16	
Plant 17/18	CP17/18 ALO17	ALO18 TP17/18	FF17/18
Plants 21, 22, 23	CP21/22/23 ALO21/22/23	TP21/22/23 FF21/22/23	
Plant 69A/69B	CP69A/69B ALO69A	ALO69B TP69A/69B	FF69A/69B

Compliance with these limits, combined with the potential to emit VOC and HAPs from all other emission units at this source, shall limit the source-wide total potential to emit of VOC to less than 100 tons per twelve (12) consecutive month period, any single HAP to less than ten (10) tons per twelve (12) consecutive month period, and total HAPs to less than twenty-five (25) tons per twelve (12) consecutive month period and shall render 326 IAC 2-7 (Part 70 Permits), and 326

IAC 2-4.1 (Major Sources of Hazardous Air Pollutants (HAP) not applicable.

D.1.2 Preventive Maintenance Plan [326 IAC 2-8-4(9)]

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 Volatile Organic Compounds (VOC) [326 IAC 8-1-2] [326 IAC 8-1-4]

Compliance with the VOC limitations 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 2-8-4(3)]

D.1.4 Record Keeping Requirements

- (a) To document the compliance status with Condition D.1.1, the Permittee shall maintain records in accordance with (1) through (5) below. Records maintained for (1) through (5) shall be taken monthly and shall be complete and sufficient to establish compliance with the VOC content limits established in Condition D.1.1. Records necessary to demonstrate compliance shall be available not later than 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 a 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 cleanup solvent usage for each month;
 - (4) The total VOC usage for each month; and
 - (5) The total weight of VOC emitted for each compliance period.
- (b) Section C - General Record Keeping Requirements contains the Permittee's obligations with regard to the records required by this condition.

D.1.5 Reporting Requirements

A quarterly summary of the information to document the compliance status with Condition D.1.1 shall be submitted not later than thirty (30) days after the end of the quarter being reported.

Section C - General Reporting contains the Permittee's obligation with regard to the reporting required by this condition. The report submitted by the Permittee does require a certification that meet the requirements of 326 IAC 2-8-5(a)(1) by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

SECTION D.2 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

Plant 2 (1001 All Pro Drive, Elkhart, IN 46514)

- (e) One (1) cabinet and molding assembly operation, identified as WW2, constructed in 2005, controlled by baghouse 2DC-01, exhausting within the building, and consisting of multiple sanders, saws, and routers, each with a maximum throughput rate of 400 lbs/hr.
- (f) One (1) PVC chop saw, identified as 2CS1, constructed in 2006, with a maximum capacity of 10 cuts per hour, utilizing no control device, and exhausting within the building.
- (g) Two (2) aluminum chop saws, identified as 2CS2 and 2CS3, constructed in 2006, with a combined maximum capacity of 10 cuts per hour, utilizing no control devices, and exhausting within the building.
- (h) Four (4) wood chop saws, identified as 2CS4 through 2CS7, constructed in 2006, with a combined maximum capacity of 20 cuts per hour, utilizing no control devices, and exhausting within the building.
- (i) Two (2) drill presses, identified as 2DP1 and 2DP2, constructed in 2006, with a combined maximum capacity of 5 pieces per hour, utilizing no control devices, and exhausting within the building.
- (j) Six (6) hand routers, identified as 2HR1 through 2HR6, constructed in 2006, with a combined maximum capacity of 120 feet per hour, utilizing no control devices, and exhausting within the building.

Plant 7A / 7B (1001 All Pro Drive, Elkhart, IN 46514)

- (e) One (1) cabinet and molding assembly operation, identified as WW7A/7B, approved for construction in 2011, controlled by baghouse 7A/7BDC-01, exhausting within the building, and consisting of multiple sanders, saws, and routers, each with a maximum throughput rate of 400 lbs/hr.
- (f) One (1) PVC chop saw, identified as 7ACS1, approved for construction in 2011, with a maximum capacity of 10 cuts per hour, utilizing no control device, and exhausting within the building.
- (g) Two (2) aluminum chop saws, identified as 7ACS2 and 7ACS-3, approved for construction in 2011, with a combined maximum capacity of 10 cuts per hour, utilizing no control devices, and exhausting within the building.
- (h) Four (4) wood chop saws, identified as 7ACS4 through 7ACS8, approved for construction in 2011, with a combined maximum capacity of 20 cuts per hour, utilizing no control devices, and exhausting within the building.
- (i) Two (2) drill presses, identified as 7ADP1 and 7ADP2, approved for construction in 2011, with a combined maximum capacity of 5 pieces per hour, utilizing no control devices, and exhausting within the building.
- (j) Six (6) hand routers, identified as 7AHR1 through 7AHR6, approved for construction in 2011, with a combined maximum capacity of 120 feet per hour, utilizing no control devices, and

exhausting within the building.

Plant 12 (1111 All Pro Drive, Elkhart, IN 46514)

- (a) One (1) cabinet and molding assembly operation, identified as WWE12, approved for construction in 2011, and consisting of the following:
 - (1) Two (2) 6 inch edge sanders, each with a maximum capacity of 150 lbs per hour, controlled by baghouse 12DC-01, and exhausting within the building.
 - (2) Four (4) 12 inch chop saws, each with a maximum capacity of 50 lbs per hour, controlled by baghouse 12DC-01, and exhausting within the building.
 - (3) One (1) 10 inch band saw, with a maximum capacity of 200 lbs per hour, controlled by baghouse 12DC-01, and exhausting within the building.
 - (4) Two (2) 12 inch table saws, each with a maximum capacity of 100 lbs per hour, controlled by baghouse 12DC-02, and exhausting within the building.
 - (5) One (1) panel saw, with a maximum capacity of 200 lbs per hour, controlled by baghouse 12DC-02, and exhausting within the building.
 - (6) One (1) CNC router, with a maximum capacity of 600 lbs per hour, controlled by baghouse 12DC-03, and exhausting within the building.
 - (7) One (1) CNC router, with a maximum capacity of 600 lbs per hour, controlled by baghouse 12DC-04, and exhausting within the building.
 - (8) One (1) CNC router, identified as CNC3, approved for construction in 2013, with a maximum capacity of 600 lbs per hour, equipped with an integral baghouse 12DC-03, and exhausting within the building.
- (b) One (1) manual sanding operation, identified as MPE12, approved for construction in 2011, with a maximum capacity of 200 feet per hour, utilizing no control devices, and exhausting within the building.

Plant 16 (1330 Wade Drive, Elkhart, IN 46514)

- (e) One (1) cabinet and molding assembly operation, identified as WW16, approved for construction in 2011, controlled by baghouse 16DC-01, exhausting within the building, and consisting of multiple sanders, saws, and routers, each with a maximum throughput rate of 300 lbs/hr.
- (f) One (1) PVC chop saw, identified as 16CS1, approved for construction in 2011, with a maximum capacity of 10 cuts per hour, utilizing no control device, and exhausting within the building.
- (g) One (1) table router, identified as 16TR1, approved for construction in 2011, with a maximum capacity of 20 cuts per hour, utilizing no control devices, and exhausting within the building.
- (h) Four (4) wood chop saws, identified as 16CS2 through 16CS5, approved for construction in 2011, with a combined maximum capacity of 20 cuts per hour, utilizing no control devices, and exhausting within the building.
- (i) Two (2) drill presses, identified as 16DP1 and 16DP2, approved for construction in 2011, with

a combined maximum capacity of 5 pieces per hour, utilizing no control devices, and exhausting within the building.

- (j) Four (4) hand routers, identified as 16HR1 through 16HR4, approved for construction in 2011, with a combined maximum capacity of 80 feet per hour, utilizing no control devices, and exhausting within the building.

Plant 17 / 18 (1110 CR 6 West, Elkhart, IN 46514)

- (e) One (1) PVC chop saw, identified as 17/18CS1, approved for construction in 2011, with a maximum capacity of 10 cuts per hour, utilizing no control device, and exhausting within the building.
- (f) One (1) table saw, identified as 17/18TS1, approved for construction in 2011, with a maximum capacity of 10 cuts per hour, utilizing no control devices, and exhausting within the building.
- (g) Four (4) wood chop saws, identified as 17/18CS2 through 17/18CS5, approved for construction in 2011, with a combined maximum capacity of 10 cuts per hour, utilizing no control devices, and exhausting within the building.
- (h) Four (4) hand routers, identified as 17/18HR1 through 17/18HR4, approved for construction in 2011, with a combined maximum capacity of 80 feet per hour, utilizing no control devices, and exhausting within the building.

Plant 21, 22, 23 (2950 Paul Drive, 2824 Paul Drive, & 2946 Jami Drive, Elkhart, IN 46514)

- (e) One (1) cabinet and molding assembly operation, identified as WW21/22/23, approved for construction in 2011, controlled by baghouse 21DC-01, exhausting within the building, and consisting of multiple sanders, saws, and routers, each with a maximum throughput rate of 300 lbs/hr.
- (f) One (1) PVC chop saw, identified as 21CS1, approved for construction in 2011, with a maximum capacity of 10 cuts per hour, utilizing no control device, and exhausting within the building.
- (g) Three (3) table saws, identified as 21TS1 through 21TS3, approved for construction in 2011, with a combined maximum capacity of 10 cuts per hour, utilizing no control devices, and exhausting within the building.
- (h) Four (4) wood chop saws, identified as 21CS2 through 21CS5, approved for construction in 2011, with a combined maximum capacity of 8 cuts per hour, utilizing no control devices, and exhausting within the building.
- (i) One (1) drill press, identified as 21DP1, approved for construction in 2011, with a combined maximum capacity of 2.5 pieces per hour, utilizing no control devices, and exhausting within the building.
- (j) Four (4) hand routers, identified as 21HR1 through 21HR4, approved for construction in 2011, with a combined maximum capacity of 80 feet per hour, utilizing no control devices, and exhausting within the building.

Plant 69A / 69B (2929 Gateway Drive, Elkhart, IN 46514)

- (e) One (1) cabinet and molding assembly operation, identified as WW69A/69B, approved for construction in 2011, controlled by baghouse 69DC-01, exhausting within the building, and

	consisting of multiple sanders, saws, and routers, each with a maximum throughput rate of 400 lbs/hr.
(f)	One (1) PVC chop saw, identified as 69CS1, approved for construction in 2011, with a maximum capacity of 10 cuts per hour, utilizing no control device, and exhausting within the building.
(g)	Three (3) table saws, identified as 69TS1 through 69TS3, approved for construction in 2011, with a combined maximum capacity of 10 cuts per hour, utilizing no control devices, and exhausting within the building.
(h)	Seven (7) wood chop saws, identified as 69CS2 through 69CS8, approved for construction in 2011, with a combined maximum capacity of 20 cuts per hour, utilizing no control devices, and exhausting within the building.
(i)	Two (2) drill presses, identified as 69DP1 and 69DP2, approved for construction in 2011, with a combined maximum capacity of 5 pieces per hour, utilizing no control devices, and exhausting within the building.
(j)	Four (4) hand routers, identified as 69HR1 through 69HR4, approved for construction in 2011, with a combined maximum capacity of 80 feet per hour, utilizing no control devices, and exhausting within the building.
(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 2-8-4(1)]

D.2.1 Particulate Emission Limitations [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2, particulate emissions from each of following operations shall not exceed the pound per hour limit listed in the table below:

Unit ID	Control ID	Process/Unit Description	Max. Throughput Rate (tons/hr)	Particulate Emission Limit (lbs/hr)
Plant 2				
WW2	2DC-01	Cabinet and Molding Assembly	0.20 (each)	1.39 (each)
2CS1	None	PVC Chop Saw	0.20	1.39
2CS2, 2CS3	None	Aluminum Chop Saws	0.20 (each)	1.39 (each)
2CS4, 2CS5, 2CS6, 2CS7	None	Wood Chop Saws	0.20 (each)	1.39 (each)
2DP1, 2DP2	None	Drill Presses	0.20 (each)	1.39 (each)
Plants 7A/7B				
WW7A/7B	7A/7BDC-01	Cabinet and Molding Assembly	0.20 (each)	1.39 (each)
7ACS1	None	PVC Chop Saw	0.20	1.39
7ACS2, 7ACS3	None	Aluminum Chop Saws	0.20 (each)	1.39 (each)
7ACS4, 7ACS5, 7ACS6, 7ACS7	None	Wood Chop Saws	0.20 (each)	1.39 (each)
7ADP1, 7ADP2	None	Drill Presses	0.20 (each)	1.39 (each)
7AHR1, 7AHR2, 7AHR3, 7AHR4, 7AHR5, 7AHR6	None	Hand Routers	0.20 (each)	1.39 (each)

Unit ID	Control ID	Process/Unit Description	Max. Throughput Rate (tons/hr)	Particulate Emission Limit (lbs/hr)
Plant 2				
WW2	2DC-01	Cabinet and Molding Assembly	0.20 (each)	1.39 (each)
2CS1	None	PVC Chop Saw	0.20	1.39
2CS2, 2CS3	None	Aluminum Chop Saws	0.20 (each)	1.39 (each)
Plant 12				
WW12		Cabinet and Molding Assembly		
N/A	12DC-01	(2) 6" Edge Sanders (4) 12" Chop Saws (1) 10" Band Saw	0.15 (each)	1.15 (each)
N/A	12DC-02	(2) 12" Table Saws (1) Panel Saw	0.15 (each)	1.15 (each)
N/A	12DC-03	(1) CNC Router	0.15 (each)	1.15 (each)
N/A	12DC-04	(1) CNC Router	0.15 (each)	1.15 (each)
Plant 16				
WW16	16DC-01	Cabinet and Molding Assembly	0.15 (each)	1.15 (each)
16CS1	None	PVC Chop Saw	0.15	1.15
16TR1	None	Table Router	0.15	1.15
16CS2, 16CS3, 16CS4, 16CS5	None	Wood Chop Saws	0.15 (each)	1.15 (each)
16DP1, 16DP2	None	Drill Presses	0.15 (each)	1.15 (each)
16HR1, 16HR2, 16HR3, 16HR4	None	Hand Routers	0.15 (each)	1.15 (each)
Plants 17/18				
17/18CS1	None	PVC Chop Saw	0.15	1.15
17/18TS1	None	Table Saw	0.15	1.15
17/18CS2, 17/18CS3, 17/18CS4, 17/18CS5	None	Wood Chop Saws	0.15 (each)	1.15 (each)
17/18HR1, 17/18HR2, 17/18HR3, 17/18HR4	None	Hand Routers	0.15 (each)	1.15 (each)
Plants 21/22/23				
WW21/22/23	21DC-01	Cabinet and Molding Assembly	0.15 (each)	1.15 (each)
21CS1	None	PVC Chop Saw	0.15	1.15
21TS1, 21TS2, 21TS3	None	Table Saws	0.15 (each)	1.15 (each)
21CS2, 21CS3, 21CS4, 21CS5	None	Wood Chop Saws	0.15 (each)	1.15 (each)
21DP1	None	Drill Press	0.15	1.15
21HR1, 21HR2, 21HR3, 21HR4	None	Hand Routers	0.15 (each)	1.15 (each)
Plants 69A/69B				
WW69A/69B	69DC-01	Cabinet and Molding Assembly	0.20 (each)	1.39 (each)
69CS1	None	PVC Chop Saw	0.20	1.39
69TS1, 69TS2, 69TS3	None	Table Saws	0.20 (each)	1.39 (each)
69CS2, 69CS3, 69CS4, 69CS5 69CS6, 69CS7, 69CS8	None	Wood Chop Saws	0.20 (each)	1.39 (each)
69DP1, 69DP2	None	Drill Presses	0.20 (each)	1.39 (each)
69HR1, 69HR2, 69HR3, 69HR4	None	Hand Routers	0.20 (each)	1.39 (each)

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

Interpolation and extrapolation of the data for the process weight rate less than sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

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

D.2.2 Preventive Maintenance Plan [326 IAC 2-8-4(9)]

A Preventive Maintenance Plan is required for the cabinet and molding operations identified as WW2, WW7A/7B, WW12, WW16, WW21/22/23, and WW69A/69B 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.2.3 Particulate Control

- (a) In order to comply with Condition D.2.1, the baghouses for particulate control shall be in operation and control emissions from the emission units at all times that the emission units are in operation as listed in the table below, when these units are in operation:

Unit ID	Process Description	Baghouse IDs
WW2	Cabinet and Molding Assembly	2DC-01
WW7A/7B	Cabinet and Molding Assembly	7A/7BDC-01
WW12	Cabinet and Molding Assembly	12DC-01, 12DC-02 12DC-03, 12DC-04,
WW16	Cabinet and Molding Assembly	16DC-01
WW21/22/23	Cabinet and Molding Assembly	21DC-01
WW69A/69B	Cabinet and Molding Assembly	69DC-01

- (b) In order to ensure CNC3 is exempt from the requirements of 326 IAC 6-3-2, the baghouse for shall be in operation and control emissions at all times that CNC3 is in operation.
- (c) In the event that bag failure is observed in a multi-compartment baghouse, if operations will continue for ten (10) days or more after the failure is observed before the failed units will be repaired or replaced, the Permittee shall promptly notify the IDEM, OAQ of the expected date the failed units will be repaired or replaced. The notification shall also include the status of the applicable compliance monitoring parameters with respect to normal, and the results of any response actions taken up to the time of notification.

Compliance Monitoring Requirements [326 IAC 2-8-4][326 IAC 2-8-5(a)(1)]

D.2.4 Baghouse Inspections

An inspection shall be performed each calendar quarter of all bags controlling the cabinet and molding assembly operations (WW2, WW7A/7B, WW12, WW16, WW21/22/23, and WW69A/69B). Inspections required by this condition shall not be performed in consecutive months. All defective bags shall be replaced.

D.2.5 Broken or Failed Bag Detection

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

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

Record Keeping and Reporting Requirements [326 IAC 2-8-4(3)]

D.2.6 Record Keeping Requirements

- (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**

**FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)
CERTIFICATION**

Source Name: Heartland Recreational Vehicles, LLC
Source Address: 1001 All Pro Drive, Elkhart, Indiana 46514
FESOP Permit No.: F039-29849-00621

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

Please check what document is being certified:

- ☐ Annual Compliance Certification Letter
- ☐ Test Result (specify)_____
- ☐ Report (specify)_____
- ☐ Notification (specify)_____
- ☐ Affidavit (specify)_____
- ☐ Other (specify)_____

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

Signature:

Printed Name:

Title/Position:

Date:

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE AND ENFORCEMENT BRANCH
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251
Phone: (317) 233-0178
Fax: (317) 233-6865**

**FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)
EMERGENCY OCCURRENCE REPORT**

Source Name: Heartland Recreational Vehicles, LLC
Source Address: 1001 All Pro Drive, Elkhart, Indiana 46514
FESOP Permit No.: F039-29849-00621

This form consists of 2 pages

Page 1 of 2

- | |
|--|
| <p><input type="checkbox"/> This is an emergency as defined in 326 IAC 2-7-1(12)</p> <ul style="list-style-type: none">• The Permittee must notify the Office of Air Quality (OAQ), not later than four (4) business hours (1-800-451-6027 or 317-233-0178, ask for Compliance Section); and• The Permittee must submit notice in writing or by facsimile not later than two (2) working days (Facsimile Number: 317-233-6865), and follow the other requirements of 326 IAC 2-7-16 |
|--|

If any of the following are not applicable, mark N/A

Facility/Equipment/Operation:
Control Equipment:
Permit Condition or Operation Limitation in Permit:
Description of the Emergency:
Describe the cause of the Emergency:

Page 2 of 2

Date/Time Emergency started:
Date/Time Emergency was corrected:
Was the facility being properly operated at the time of the emergency? Y N Describe:
Type of Pollutants Emitted: TSP, PM-10, SO ₂ , VOC, NO _x , CO, Pb, other:
Estimated amount of pollutant(s) emitted during emergency:
Describe the steps taken to mitigate the problem:
Describe the corrective actions/response steps taken:
Describe the measures taken to minimize emissions:
If applicable, describe the reasons why continued operation of the facilities are necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw materials of substantial economic value:

Phone: _____

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

FESOP Quarterly Report

Source Name: Heartland Recreational Vehicles, LLC
Source Address: 1001 All Pro Drive, Elkhart, Indiana 46514
FESOP Permit No.: F039-29849-00621
Facility: *See Table Below
Parameter: VOC Input
Limit: The combined total input volatile organic compounds (VOC) including solvents, coatings, and adhesives delivered to the emission units listed in the table below shall be limited to less than or equal to 98.75 tons per twelve (12) consecutive month period with compliance determined at the end of each month:

Plant ID	Emission Units		
Plant 2	CP2 ALO2	TP2 FF2	
Plant 7A / 7B	CP7A/7B, ALO7A	ALO7B TP7A/7B	FF7A/7B
Plant 16	CP16 ALO16	TP16 FF16	
Plant 17/18	CP17/18 ALO17	ALO18 TP17/18	FF17/18
Plants 21, 22, 23	CP21/22/23 ALO21/22/23	TP21/22/23 FF21/22/23	
Plant 69A/69B	CP69A/69B ALO69A	ALO69B TP69A/69B	FF69A/69B

YEAR: _____

Month	Column 1	Column 2	Column 1 + Column 2
	This Month	Previous 11 Months	12 Month Total
Month 1			
Month 2			
Month 3			

☐ No deviation occurred in this quarter.

☐ Deviation/s occurred in this quarter.

Deviation has been reported on: _____

Submitted by: _____

Title / Position: _____

Signature: _____

Date: _____

Phone: _____

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

FESOP Quarterly Report

Source Name: Heartland Recreational Vehicles, LLC
Source Address: 1001 All Pro Drive, Elkhart, Indiana 46514
FESOP Permit No.: F039-29849-00621
Facility: *See Table Below
Parameter: Single HAP Input
Limit: The combined total input hazardous air pollutants (HAP) delivered to the emission units listed in the table below shall be limited such that input of any single HAP shall not exceed 9.74 tons per twelve (12) consecutive month period with compliance determined at the end of each month:

Plant ID	Emission Units		
Plant 2	CP2 ALO2	TP2 FF2	
Plant 7A / 7B	CP7A/7B, ALO7A	ALO7B TP7A/7B	FF7A/7B
Plant 16	CP16 ALO16	TP16 FF16	
Plant 17/18	CP17/18 ALO17	ALO18 TP17/18	FF17/18
Plants 21, 22, 23	CP21/22/23 ALO21/22/23	TP21/22/23 FF21/22/23	
Plant 69A/69B	CP69A/69B ALO69A	ALO69B TP69A/69B	FF69A/69B

YEAR: _____

Month	Column 1	Column 2	Column 1 + Column 2
	This Month	Previous 11 Months	12 Month Total
Month 1			
Month 2			
Month 3			

☐ No deviation occurred in this quarter.

☐ Deviation/s occurred in this quarter.

Deviation has been reported on: _____

Submitted by: _____

Title / Position: _____

Signature: _____

Date: _____

Phone: _____

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE AND ENFORCEMENT BRANCH
FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)
QUARTERLY DEVIATION AND COMPLIANCE MONITORING REPORT**

Source Name: Heartland Recreational Vehicles, LLC
Source Address: 1001 All Pro Drive, Elkhart, Indiana 46514
FESOP Permit No.: F039-29849-00621

Months: _____ **to** _____ **Year:** _____

Page 1 of 2

This report shall be submitted quarterly based on a calendar year. Any deviation from the requirements of this permit, the date(s) of each deviation, the probable cause of the deviation, and the response steps taken must be reported. A deviation required to be reported pursuant to an applicable requirement that exists independent of the permit, shall be reported according to the schedule stated in the applicable requirement and does not need to be included in this report. Additional pages may be attached if necessary. If no deviations occurred, please specify in the box marked "No deviations occurred this reporting period".

☐ NO DEVIATIONS OCCURRED THIS REPORTING PERIOD.

☐ THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD

Permit Requirement (specify permit condition #)

Date of Deviation:

Duration of Deviation:

Number of Deviations:

Probable Cause of Deviation:

Response Steps Taken:

Permit Requirement (specify permit condition #)

Date of Deviation:

Duration of Deviation:

Number of Deviations:

Probable Cause of Deviation:

Response Steps Taken:

Permit Requirement (specify permit condition #)	
Date of Deviation:	Duration of Deviation:
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	
Permit Requirement (specify permit condition #)	
Date of Deviation:	Duration of Deviation:
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	
Permit Requirement (specify permit condition #)	
Date of Deviation:	Duration of Deviation:
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	

Form Completed by: _____

Title / Position: _____

Date: _____

Phone: _____

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

**Technical Support Document (TSD) for an Administrative Amendment to a
Federally Enforceable State Operating Permit (FESOP)**

Source Description and Location
--

Source Name:	Heartland Recreational Vehicles, LLC
Source Location:	1001 All Pro Drive, Elkhart, IN 46514 2944 Dexter Drive, Elkhart, IN 46514 1140 D.I. Drive, Elkhart, IN 46514 1111 All Pro Drive, Elkhart, IN 46514 2900 Dexter Drive, Elkhart, IN 46514 1330 Wade Drive, Elkhart, IN 46514 1110 C.R. 6 West, Elkhart, IN 46514 2950 Paul Drive, Elkhart, IN 46514 2824 Paul Drive, Elkhart, IN 46514 2946 Jami Drive, Elkhart, IN 46514 1110 D.I Drive, Elkhart, IN 46514 2929 Gateway Drive, Elkhart, IN 46514
County:	Elkhart
SIC Code:	3792
Operation Permit No.:	F 039-29849-00621
Operation Permit Issuance Date:	March 16, 2011
(Minor, Significant) Permit Revision No.:	039-33732-00621
Permit Reviewer:	Ghassan Shalabi

On October 02, 2013, the Office of Air Quality (OAQ) received an application from Heartland Recreational Vehicles, LLC related to a modification to an existing plant.

Source Definition

This source consists of the following plants:

- (a) 1001 All Pro Drive, Elkhart, IN 46514
- (b) 2944 Dexter Drive, Elkhart, IN 46514
- (c) 1140 D.I. Drive, Elkhart, IN 46514
- (d) 1111 All Pro Drive, Elkhart, IN 46514
- (e) 2900 Dexter Drive, Elkhart, IN 46514
- (f) 1330 Wade Drive, Elkhart, IN 46514
- (g) 1110 C.R. 6 West, Elkhart, IN 46514
- (h) 2950 Paul Drive, Elkhart, IN 46514
- (i) 2824 Paul Drive, Elkhart, IN 46514
- (j) 2946 Jami Drive, Elkhart, IN 46514
- (k) 1110 D.I Drive, Elkhart, IN 46514
- (l) 2929 Gateway Drive, Elkhart, IN 46514

In order to consider the 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 adjacent properties, have the same SIC codes of 37 and are under common control, therefore they will be considered one (1) source, as defined by 326 IAC 2-7-1(22). This determination was initially made under FESOP No. F039-29849-00621, issued on March 16, 2011.

Existing Approvals

The source was issued FESOP Renewal No. 039-29849-00621 on March 16, 2011. There have been no subsequent approvals issued.

County Attainment Status

The source is located in Elkhart County.

Pollutant	Designation
SO ₂	Better than national standards.
CO	Unclassifiable or attainment effective November 15, 1990.
O ₃	Attainment effective July 19, 2007, for the 8-hour ozone standard. ¹
PM ₁₀	Unclassifiable effective November 15, 1990.
NO ₂	Cannot be classified or better than national standards.
Pb	Not designated.

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.
Unclassifiable or attainment effective April 5, 2005, for PM_{2.5}.

- (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 SO₂, CO, PM₁₀, NO₂, and Pb. Therefore, these emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.

Fugitive Emissions

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

Status of the Existing Source

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

This PTE table is from the TSD or Appendix A of F039-29849-00621, issued on March 16, 2011.

Process/ Emission Unit	Potential To Emit of the Entire Source Prior to Revision (tons/year)*									
	PM	PM10	PM2.5	SO ₂	NO _x	VOC	CO	GHGs as CO ₂ e**	Total HAPs	Worst Single HAP
Plant 2	2.64	2.70	2.70	0.01	1.22	99.00	1.02	10,255	4.49	9.90
Plant 3	0.52	0.62	0.62	0.01	1.68		1.41		0.33	
Plant 7A/7B	2.65	2.67	2.67	0.00	0.49		0.41		4.46	
Plant 11	0.75	0.78	0.78	0.00	0.53		0.44		0.46	
Plant 12	1.38	1.48	1.48	0.01	1.66		1.40		0.86	
Plant 14	1.46	1.48	1.48	0.00	0.37		0.31		0.01	
Plant 16	2.69	2.74	2.74	0.00	0.78		0.65		1.80	
Plant 17/18	1.21	1.22	1.22	0.00	0.26		0.22		1.79	
Plants 21, 22, and 23	2.55	2.58	2.58	0.00	0.50		0.42		2.70	
Plant 69A/69B	5.38	5.45	5.45	0.01	1.17		0.99		7.11	
Total PTE of Entire Source	21.22	21.72	21.72	0.05	8.66	99.00	7.27	10,255	24.02	9.90
Title V Major Source Thresholds**	NA	100	100	100	100	100	100	100,000	25	10
PSD Major Source Thresholds**	250	250	250	250	250	250	250	100,000	NA	NA
negl. = negligible *These emissions are based upon Appendix A of F039-29849-00621, issued on March 16, 2011. **The 100,000 CO ₂ e threshold represents the Title V and PSD subject to regulation thresholds for GHGs in order to determine whether a source's emissions are a regulated NSR pollutant under Title V and PSD.										

- (a) This existing source is not a major stationary source, under PSD (326 IAC 2-2), because no attainment regulated pollutant, excluding GHGs, is emitted at a rate of 250 tons per year or more, emissions of GHGs are less than 100,000 tons of CO₂ equivalent emissions (CO₂e) per year, and it is not one of the twenty-eight (28) listed source categories, as specified in 326 IAC 2-2-1(ff)(1).
- (b) This existing source is not a major source of HAPs, as defined in 40 CFR 63.41, because the Permittee has accepted limits on HAPs emissions to less than ten (10) tons per year for any single HAP and less than twenty-five (25) tons per year of a combination of HAPs. Therefore, this source is an area source under Section 112 of the Clean Air Act (CAA).

Description of Proposed Revision

The Office of Air Quality (OAQ) has reviewed an application, submitted by Heartland Recreational Vehicles, LLC on October 02, 2013, relating to relocating two of the production facilities, adding one physical address, and adding one (1) new Panel Pro CNC router to the existing manufacturing operation.

The following is a list of the new emission units and pollution control device(s):

- (a) One (1) CNC router, identified as CNC3, approved for construction in 2013, with a maximum capacity of 600 lbs per hour, equipped with an integral baghouse 12DC-03, and exhausting within the building.

Enforcement Issues

There are no pending enforcement actions related to this revision.

Emission Calculations

See Appendix A of this TSD for detailed emission calculations.

Permit Level Determination – FESOP Revision

The following table is used to determine the appropriate permit level under 326 IAC 2-8.11.1. This table reflects the PTE before controls of the proposed revision. Control equipment is not considered federally enforceable until it has been required in a federally enforceable permit.

Process/ Emission Unit	PTE of Proposed Revision (tons/year)									
	PM	PM10	PM2.5	SO ₂	NO _x	VOC	CO	GHGs as CO ₂ e	Total HAPs	Worst Single HAP
CNC Router (CNC3)	0.38	0.38	0.38	-	-	-	-	-	-	-
Total PTE of Proposed Revision	0.38	0.38	0.38	-	-	-	-	-	-	-

Note: This PTE is based on the PTE after control for woodworking

Pursuant to 326 IAC 2-8-10(a)(10), this change to the permit is considered an administrative amendment because the permit is amended to incorporate a modification that adds an emissions unit of the same type that are already permitted and that will comply with the same applicable requirements and permit terms and conditions as the existing emission unit, except if the modification would result in a potential to emit greater than the thresholds in 326 IAC 2-2 (PSD) or 326 IAC 2-3 (Emission Offset).

PTE of the Entire Source After Issuance of the FESOP Revision

The table below summarizes the potential to emit of the entire source (*reflecting adjustment of existing limits*), with updated emissions shown as **bold** values and previous emissions shown as ~~strikethrough~~ values.

Process/ Emission Unit	Potential To Emit of the Entire Source to accommodate the Proposed Revision (tons/year)									
	PM	PM10*	PM2.5*	SO ₂	NO _x	VOC	CO	GHGs as CO ₂ e**	Total HAPs	Worst Single HAP
Plant 2	2.64	2.70	2.70	0.01	1.22	99.00	1.02	10,255	4.49	9.90
Plant 3	0.52	0.62	0.62	0.01	1.68		1.41		0.33	
Plant 7A/7B	2.65	2.67	2.67	0.00	0.49		0.41		4.46	
Plant 11	0.75	0.78	0.78	0.00	0.53		0.44		0.01	
Plant 12	1.38 1.83	1.48 1.85	1.48 1.85	0.01 0.00	1.66 0.37		1.40 0.31		0.86 0.01	
Plant 14	1.46 0.01	1.48 0.03	1.48 0.03	0.00	0.37 0.02		0.31 0.30		0.01	
Plant 16	2.69	2.74	2.74	0.00	0.78		0.65		1.80	
Plant 17/18	1.21	1.22	1.22	0.00	0.26		0.22		1.79	
Plant 19	1.38	1.48	1.48	0.01	1.66		1.40		0.86	
Plants 21, 22, and 23	2.55	2.58	2.58	0.00	0.50		0.42		2.70	
Plant 69A/69B	5.38	5.45	5.45	0.01	1.17		0.99		7.11	
Total PTE of the Source Total PTE of Entire Source (PSD)	21.22 21.60	21.72 22.12	21.72 22.12	0.05	8.66 8.68	<99.00	7.27 7.57	10,255	24.02	<9.9
Title V Major Source Thresholds**	NA	100	100	100	100	100	100	100,000	25	10
Plant 2	15.51	15.58	15.58	0.01	1.22	22.35	1.02	10,255	4.49	3.70
Plant 3	0.52	0.62	0.62	0.01	1.68	0.09	1.41		0.33	0.03
Plant 7A/7B	15.52	15.55	15.55	0.00	0.49	22.26	0.41		4.46	3.67
Plant 11	0.75	0.78	0.78	0.00	0.53	0.03	0.44		0.46	0.01
Plant 12	129.31	129.33	129.33	0.00	0.37	0.02	0.31		0.01	0.01
Plant 14	0.01	0.03	0.03	0.00	0.02	0.02	0.30		0.01	0.01
Plant 16	18.15	18.19	18.19	0.00	0.78	8.94	0.65		1.48	1.80

Process/ Emission Unit	Potential To Emit of the Entire Source to accommodate the Proposed Revision (tons/year)									
	PM	PM10*	PM2.5*	SO ₂	NO _x	VOC	CO	GHGs as CO ₂ e**	Total HAPs	Worst Single HAP
Plant 17/18	1.21	1.22	1.22	0.00	0.26	8.91	0.22		1.79	1.47
Plant 19	1.38	1.48	1.48	0.01	1.66	0.09	1.40		0.86	0.03
Plant 21, 22, and 23	19.66	19.68	19.68	0.00	0.50	13.37	0.42		2.70	2.20
Plant 69A/69B	22.49	22.56	22.56	0.01	1.17	35.64	0.99		7.11	5.88
Total PTE of Entire Source (PSD)	224.51	225.03	225.03	0.05	8.68	111.71	7.57		24.02	18.48
PSD Major Source Thresholds**	250	250	250	250	250	250	250	100,000	NA	NA
negl. = negligible *Under the Part 70 Permit program (40 CFR 70), PM10 and PM2.5, not particulate matter (PM), are each considered as a "regulated air pollutant". **The 100,000 CO ₂ e threshold represents the Title V and PSD subject to regulation thresholds for GHGs in order to determine whether a source's emissions are a regulated NSR pollutant under Title V and PSD.										

The table below summarizes the potential to emit of the entire source after issuance of this revision, reflecting all limits, of the emission units. Any control equipment is considered federally enforceable only after issuance of this FESOP permit revision, and only to the extent that the effect of the control equipment is made practically enforceable in the permit.

Process/ Emission Unit	Potential To Emit of the Entire Source After Issuance of the Revision (tons/year)									
	PM	PM10*	PM2.5*	SO ₂	NO _x	VOC	CO	GHGs as CO ₂ e**	Total HAPs	Worst Single HAP
Plant 2	2.64	2.70	2.70	0.01	1.22	99.00	1.02	10,255	4.49	9.90
Plant 3	0.52	0.62	0.62	0.01	1.68		1.41		0.33	
Plant 7A/7B	2.65	2.67	2.67	0.00	0.49		0.41		4.46	
Plant 11	0.75	0.78	0.78	0.00	0.53		0.44		0.01	
Plant 12	1.83	1.85	1.85	0.00	0.37		0.31		0.01	
Plant 14	0.01	0.03	0.03	0.00	0.02		0.30		0.01	
Plant 16	2.69	2.74	2.74	0.00	0.78		0.65		1.80	
Plant 17/18	1.21	1.22	1.22	0.00	0.26		0.22		1.79	
Plant 19	1.38	1.48	1.48	0.01	1.66		1.40		0.86	
Plants 21, 22, and 23	2.55	2.58	2.58	0.00	0.50		0.42		2.70	
Plant 69A/69B	5.38	5.45	5.45	0.01	1.17		0.99		7.11	

Process/ Emission Unit	Potential To Emit of the Entire Source After Issuance of the Revision (tons/year)									
	PM	PM10*	PM2.5*	SO ₂	NOx	VOC	CO	GHGs as CO ₂ e**	Total HAPs	Worst Single HAP
<i>Total PTE of Entire Source (PSD)</i>	21.60	22.12	22.12	0.05	8.68	<99.00	7.57		24.02	<9.9
Title V Major Source Thresholds**	NA	100	100	100	100	100	100	100,000	25	10
Plant 2	15.51	15.58	15.58	0.01	1.22	22.35	1.02	10,255	4.49	3.70
Plant 3	0.52	0.62	0.62	0.01	1.68	0.09	1.41		0.33	0.03
Plant 7A/7B	15.52	15.55	15.55	0.00	0.49	22.26	0.41		4.46	3.67
Plant 11	0.75	0.78	0.78	0.00	0.53	0.03	0.44		0.46	0.01
Plant 12	129.31	129.33	129.33	0.00	0.37	0.02	0.31		0.01	0.01
Plant 14	0.01	0.03	0.03	0.00	0.02	0.02	0.30		0.01	0.01
Plant 16	18.15	18.19	18.19	0.00	0.78	8.94	0.65		1.48	1.80
Plant 17/18	1.21	1.22	1.22	0.00	0.26	8.91	0.22		1.79	1.47
Plant 19	1.38	1.48	1.48	0.01	1.66	0.09	1.40		0.86	0.03
Plant 21, 22, and 23	19.66	19.68	19.68	0.00	0.50	13.37	0.42		2.70	2.20
Plant 69A/69B	22.49	22.56	22.56	0.01	1.17	35.64	0.99		7.11	5.88
<i>Total PTE of Entire Source (PSD)</i>	224.51	225.03	225.03	0.05	8.68	111.71	7.57		24.02	18.48
PSD Major Source Thresholds**	250	250	250	250	250	250	250	100,000	NA	NA

negl. = negligible
 *Under the Part 70 Permit program (40 CFR 70), PM10 and PM2.5, not particulate matter (PM), are each considered as a "regulated air pollutant".
 **The 100,000 CO₂e threshold represents the Title V and PSD subject to regulation thresholds for GHGs in order to determine whether a source's emissions are a regulated NSR pollutant under Title V and PSD.

(a) FESOP Status

This revision to an existing Title V minor stationary source will not change the minor status, because the potential to emit criteria pollutants from the entire source will still be limited to less than the Title V major source threshold levels. Therefore, the source will still be subject to the provisions of 326 IAC 2-8 (FESOP).

In order to comply with the requirements of 326 IAC 2-8-4 (FESOP), the source shall comply with the following:

- (1) The combined total input volatile organic compounds (VOC) including solvents, coatings, and adhesives delivered to the emission units listed in the table below shall be limited to less than or equal to 98.75 tons per twelve (12) consecutive month period with

compliance determined at the end of each month:

- (2) The combined total input hazardous air pollutants (HAP) delivered to the emission units listed in the table below shall be limited such that input of any single HAP shall not exceed 9.74 tons per twelve (12) consecutive month period with compliance determined at the end of each month:

Plant ID	Emission Units		
Plant 2	CP2 ALO2	TP2 FF2	
Plant 7A / 7B	CP7A/7B, ALO7A	ALO7B TP7A/7B	FF7A/7B
Plant 16	CP16 ALO16	TP16 FF16	
Plant 17/18	CP17/18 ALO17	ALO18 TP17/18	FF17/18
Plants 21, 22, 23	CP21/22/23 ALO21/22/23	TP21/22/23 FF21/22/23	
Plant 69A/69B	CP69A/69B ALO69A	ALO69B TP69A/69B	FF69A/69B

Compliance with these limits, combined with the potential to emit VOC and HAPs from all other emission units at this source, shall limit the source-wide total potential to emit of VOC to less than 100 tons per twelve (12) consecutive month period, any single HAP to less than ten (10) tons per twelve (12) consecutive month period, and total HAPs to less than twenty-five (25) tons per twelve (12) consecutive month period and shall render 326 IAC 2-7 (Part 70 Permits), 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)), and 326 IAC 2-4.1 (Major Sources of Hazardous Air Pollutants (HAP) not applicable.

Note: The Small Parts Lamination and Sidewall Lamination Operations are not covered in the FESOP limit because the input of VOCs is not representative of the potentials to emit from these types of processes, which have negligible VOC emissions.

- (b) **PSD Minor Source**
This modification to an existing PSD minor stationary source will not change the PSD minor status, because the potential to emit of all attainment regulated pollutants from the entire source will continue to be less than the PSD major source threshold levels. Therefore, pursuant to 326 IAC 2-2, the PSD requirements do not apply.

Federal Rule Applicability Determination

New Source Performance Standards (NSPS)

- (a) There are no New Source Performance Standards (NSPS) (326 IAC 12 and 40 CFR Part 60) included for this proposed revision.

National Emission Standards for Hazardous Air Pollutants (NESHAP)

- (b) There are no National Emission Standards for Hazardous Air Pollutants (NESHAPs) (326 IAC 14, 326 IAC 20 and 40 CFR Part 63) included for this proposed revision.

Compliance Assurance Monitoring (CAM)

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

State Rule Applicability Determination

The following state rules are applicable to the proposed revision:

- (a) 326 IAC 2-8-4 (FESOP)
This revision to an existing Title V minor stationary source will not change the minor status, because the potential to emit criteria pollutants from the entire source will still be limited to less than the Title V major source threshold levels. Therefore, the source will still be subject to the provisions of 326 IAC 2-8 (FESOP). See PTE of the Entire Source After Issuance of the FESOP Revision Section above.
- (b) 326 IAC 2-2 (Prevention of Significant Deterioration(PSD))
This modification to an existing PSD minor stationary source will not change the PSD minor status, because the potential to emit of all attainment regulated pollutants from the entire source will continue to be less than the PSD major source threshold levels. Therefore, pursuant to 326 IAC 2-2, the PSD requirements do not apply. See PTE of the Entire Source After Issuance of the FESOP Revision Section above.
- (d) 326 IAC 2-4.1 (Major Sources of Hazardous Air Pollutants (HAP))
The proposed revision is not subject to the requirements of 326 IAC 2-4.1, since the unlimited potential to emit of HAPs from the *new unit* is less than ten (10) tons per year for any single HAP and less than twenty-five (25) tons per year of a combination of HAPs.
- (e) 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.
- (f) 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.
- (g) 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.

Woodworking Operation

- (h) 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes)
Pursuant to 326 IAC 6-3-1, CNC3 is exempt from the requirements of 326 IAC 6-3-2 because the potential emissions of PM are less than five hundred fifty-one thousandths (0.551) pound per hour. Therefore, 326 IAC 6-3-2 does not apply to CNC3.

Compliance Determination, Monitoring and Testing Requirements

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

Emission Unit/Control	Operating Parameters	Frequency
12DC-05	Baghouse Inspection	Quarterly

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

Proposed Changes

The following changes listed below are due to the proposed revision. Deleted language appears as ~~strike through~~ text and new language appears as **bold** text:

A.1 General Information [326 IAC 2-8-3(b)]

The Permittee owns and operates a stationary non-motorized travel trailer manufacturing plant.

Source Address(es):	1001 All Pro Drive, Elkhart, IN 46514 2944 Dexter Drive, Elkhart, IN 46514 1140 D.I. Drive, Elkhart, IN 46514 1111 All Pro Drive, Elkhart, IN 46514 2900 Dexter Drive, Elkhart, IN 46514 1330 Wade Drive, Elkhart, IN 46514 1110 C.R. 6 West, Elkhart, IN 46514 2950 Paul Drive, Elkhart, IN 46514 2824 Paul Drive, Elkhart, IN 46514 2946 Jami Drive, Elkhart, IN 46514 1110 D.I Drive, Elkhart, IN 46514 2929 Gateway Drive, Elkhart, IN 46514
General Source Phone Number:	(574) 262-5992
SIC Code:	3792
County Location:	Elkhart
Source Location Status:	Attainment for all criteria pollutants
Source Status:	Federally Enforceable State 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 [326 IAC 2-8-1] [326 IAC 2-7-1(22)]

This non-motorized travel trailer manufacturing source consists of fifteen (15) plants located at eleven (11) addresses:

- (a) Plants 2, 7A, and 7B (**Assembly**) are located at 1001 All Pro Drive, Elkhart, IN 46514;
- (b) Plant 3 (**Hot-melt Lamination**) is located at 2944 Dexter Drive, Elkhart, IN 46514;
- (c) Plant 11 (**Sidewall Lamination**) is located at 1140 D.I. Drive, Elkhart, IN 46514;
- (d) Plant 12 (**Counter Top**) is located at 1111 All Pro Drive, Elkhart, IN 46514;
- (e) Plant 14 (**Returns/Service**) is located 2900 Dexter Drive, Elkhart, IN 46514;
- (f) Plant 16 (**Assembly**) is located at 1330 Wade Drive, Elkhart, IN 46514;

- (g) Plant 17 and 18 **(Assembly)** are located at 110 CR 6 West, Elkhart, IN 46514;
- (h) Plant 19 (Small Parts Lamination) 1110 D.I Drive, Elkhart, IN 46514**
- (hi) Plant 21 is located at 2950 Paul Drive, Elkhart, IN 46514;
- (ij) Plant 22 is located at 2824 Paul Drive, Elkhart, IN 46514;
- (jk) Plant 23 is located at 2946 Jami Drive, Elkhart, IN 46514; and
- (kl) Plants 69A and 69B **(Assembly)** are located at 2929 Gateway Drive, Elkhart, IN 46514.

Since the ~~fifteen (15)~~ **sixteen (16)** plants are located on contiguous or adjacent properties, or within two (2) miles of each other, belong to the same industrial grouping, and are under common control of the same entity, they will be considered one (1) source, effective from the date of issuance of this New Source Construction and FESOP Renewal.

A.3 Emission Units and Pollution Control Equipment Summary [326 IAC 2-8-3(c)(3)]

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

...

Plant 12 (1111 All Pro Drive, Elkhart, IN 46514)

~~(a) One (1) small parts lamination process, identified as SPL12, approved for construction in 2011, with a maximum capacity of 20 units per hour, applying adhesives to wood and plastic substrates via roll coating, utilizing no control devices.~~

- (a) One (1) cabinet and molding assembly operation, identified as WWE12, approved for construction in 2011, and consisting of the following:**
 - (1) Two (2) 6 inch edge sanders, each with a maximum capacity of 150 lbs per hour, controlled by baghouse 12DC-01, and exhausting within the building.**
 - (2) Four (4) 12 inch chop saws, each with a maximum capacity of 50 lbs per hour, controlled by baghouse 12DC-01, and exhausting within the building.**
 - (3) One (1) 10 inch band saw, with a maximum capacity of 200 lbs per hour, controlled by baghouse 12DC-01, and exhausting within the building.**
 - (4) Two (2) 12 inch table saws, each with a maximum capacity of 100 lbs per hour, controlled by baghouse 12DC-02, and exhausting within the building.**
 - (5) One (1) panel saw, with a maximum capacity of 200 lbs per hour, controlled by baghouse 12DC-02, and exhausting within the building.**
 - (6) One (1) CNC router, with a maximum capacity of 600 lbs per hour, controlled by baghouse 12DC-03, and exhausting within the building.**
 - (7) One (1) CNC router, with a maximum capacity of 600 lbs per hour, controlled by baghouse 12DC-04, and exhausting within the building.**
 - (8) One (1) CNC router, identified as CNC3, approved for construction in 2013, with a maximum capacity of 600 lbs per hour, equipped with an integral baghouse 12DC-03, and exhausting within the building.**

- (b) One (1) manual sanding operation, identified as MPE14, approved for construction in 2011, with a maximum capacity of 200 feet per hour, utilizing no control devices, and exhausting within the building.

Plant 14 (2900 Dexter Drive, Elkhart, IN 46514)
Return and service center.

- (a) ~~One (1) cabinet and molding assembly operation, identified as WWE14, approved for construction in 2011, and consisting of the following:~~
- ~~(1) Two (2) 6 inch edge sanders, each with a maximum capacity of 150 lbs per hour, controlled by baghouse 14DC-01, and exhausting within the building.~~
 - ~~(2) Four (4) 12 inch chop saws, each with a maximum capacity of 50 lbs per hour, controlled by baghouse 14DC-01, and exhausting within the building.~~
 - ~~(3) One (1) 10 inch band saw, with a maximum capacity of 200 lbs per hour, controlled by baghouse 14DC-01, and exhausting within the building.~~
 - ~~(4) Two (2) 12 inch table saws, each with a maximum capacity of 100 lbs per hour, controlled by baghouse 14DC-02, and exhausting within the building.~~
 - ~~(5) One (1) panel saw, with a maximum capacity of 200 lbs per hour, controlled by baghouse 14DC-02, and exhausting within the building.~~
 - ~~(6) One (1) CNC router, with a maximum capacity of 600 lbs per hour, controlled by baghouse 14DC-03, and exhausting within the building.~~
 - ~~(7) One (1) CNC router, with a maximum capacity of 600 lbs per hour, controlled by baghouse 14DC-04, and exhausting within the building.~~
- (b) ~~One (1) manual sanding operation, identified as MPE14, approved for construction in 2011, with a maximum capacity of 200 feet per hour, utilizing no control devices, and exhausting within the building.~~

...

Plants 19 (1110 D.I Drive, Elkhart, IN 46514)

- (a) One (1) small parts lamination process, identified as SPL19, approved for construction in 2011, with a maximum capacity of 20 units per hour, applying adhesives to wood and plastic substrates via roll coating, utilizing no control devices.

...

SECTION D.2 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

...

~~Plant 14 (2900 Dexter Drive, Elkhart, IN 46514)~~ **Plant 12 (1111 All Pro Drive, Elkhart, IN 46514)**

- (a) One (1) cabinet and molding assembly operation, identified as WWE4412, approved for construction in 2011, **approved for modification in 2013**, and consisting of the following:
- (1) Two (2) 6 inch edge sanders, each with a maximum capacity of 150 lbs per hour, controlled by baghouse 4412DC-01, and exhausting within the building.
 - (2) Four (4) 12 inch chop saws, each with a maximum capacity of 50 lbs per hour, controlled by baghouse 4412DC-01, and exhausting within the building.
 - (3) One (1) 10 inch band saw, with a maximum capacity of 200 lbs per hour, controlled by baghouse 4412DC-01, and exhausting within the building.
 - (4) Two (2) 12 inch table saws, each with a maximum capacity of 100 lbs per hour, controlled by baghouse 4412DC-02, and exhausting within the building.
 - (5) One (1) panel saw, with a maximum capacity of 200 lbs per hour, controlled by baghouse 4412DC-02, and exhausting within the building.
 - (6) One (1) CNC router, with a maximum capacity of 600 lbs per hour, controlled by baghouse 4412DC-03, and exhausting within the building.
 - (7) One (1) CNC router, with a maximum capacity of 600 lbs per hour, controlled by baghouse 4412DC-04, and exhausting within the building.
 - (8) **One (1) CNC router, identified as CNC3, approved for construction in 2013, with a maximum capacity of 600 lbs per hour, equipped with an integral baghouse 12DC-03, and exhausting within the building.**
- (b) One (1) manual sanding operation, identified as MPE4412, approved for construction in 2011, with a maximum capacity of 200 feet per hour, utilizing no control devices, and exhausting within the building.

...

(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 2-8-4(1)]

D.2.1 Particulate Emission Limitations [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2, particulate emissions from each of following operations shall not exceed the pound per hour limit listed in the table below:

Unit ID	Control ID	Process/Unit Description	Max. Throughput Rate (tons/hr)	Particulate Emission Limit (lbs/hr)

Plant 4412				
WW4412				
N/A	4412DC-01	Cabinet and Molding Assembly (2) 6" Edge Sanders (4) 12" Chop Saws (1) 10" Band Saw	0.15 (each)	1.15 (each)
N/A	4412DC-02	(2) 12" Table Saws (1) Panel Saw	0.15 (each)	1.15 (each)
N/A	4412DC-03	(1) CNC Router	0.15 (each)	1.15 (each)
N/A	4412DC-04	(1) CNC Router	0.15 (each)	1.15 (each)

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

D.2.2 Preventive Maintenance Plan [326 IAC 2-8-4(9)]

A Preventive Maintenance Plan is required for the cabinet and molding operations identified as WW2, WW7A/7B, WW4412, WW16, WW21/22/23, and WW69A/69B 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.2.3 Particulate Control

- (a) In order to comply with Condition D.2.1, the baghouses for particulate control shall be in operation and control emissions from the emission units at all times that the emission units are in operation as listed in the table below, when these units are in operation:

Unit ID	Process Description	Baghouse IDs
WW2	Cabinet and Molding Assembly	2DC-01
WW7A/7B	Cabinet and Molding Assembly	7A/7BDC-01
WW4412	Cabinet and Molding Assembly	4412DC-01, 4412DC-02 4412DC-03, 4412DC-04 12DC-15
WW16	Cabinet and Molding Assembly	16DC-01
WW21/22/23	Cabinet and Molding Assembly	21DC-01
WW69A/69B	Cabinet and Molding Assembly	69DC-01

- (b) In order to ensure CNC3 is exempt from the requirements of 326 IAC 6-3-2, the baghouse for shall be in operation and control emissions at all times that CNC3 is in operation.
- (bc) In the event that bag failure is observed in a multi-compartment baghouse, if operations will continue for ten (10) days or more after the failure is observed before the failed units will be repaired or replaced, the Permittee shall promptly notify the IDEM, OAQ of the expected date the failed units will be repaired or replaced. The notification shall also include the status of the applicable compliance monitoring parameters with respect to normal, and the results of any response actions taken up to the time of notification.

Compliance Monitoring Requirements [326 IAC 2-8-4][326 IAC 2-8-5(a)(1)]

D.2.4 Baghouse Inspections

An inspection shall be performed each calendar quarter of all bags controlling the cabinet and molding assembly operations (WW2, WW7A/7B, WW4412, WW16, WW21/22/23, and WW69A/69B). Inspections required by this condition shall not be performed in consecutive months. All defective bags shall be replaced.

Upon further review, IDEM, OAQ has decided to make the following changes to the permit. Deleted language appears as ~~strikethrough~~ text and new language appears as **bold** text:

SECTION B GENERAL CONDITIONS

B.1 Definitions [326 IAC 2-8-1]

~~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 2-7) shall prevail.~~

B.2 Permit Term [326 IAC 2-8-4(2)][326 IAC 2-1.1-9.5][IC 13-15-3-6(a)]

(a) ~~This permit, F039-29849-00621, 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 [326 IAC 2-8-6][IC 13-17-12]

~~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 [326 IAC 2-8-4(4)]

~~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 [326 IAC 2-8-4(5)(D)]

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

B.7 Duty to Provide Information [326 IAC 2-8-4(5)(E)]

- (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 Certification [326 IAC 2-8-3(d)][326 IAC 2-8-4(3)(C)(i)][326 IAC 2-8-5(1)]~~

- (a) ~~A certification required by this permit meets the requirements of 326 IAC 2-8-5(a)(1) if:~~
 - (1) ~~it contains a certification by an "authorized individual", as defined by 326 IAC 2-1.1-1(1), and~~
 - (2) ~~the certification states that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.~~
- (b) ~~The Permittee may use the attached Certification Form, or its equivalent with each submittal requiring certification. One (1) certification may cover multiple forms in one (1) submittal.~~
- (c) ~~An "authorized individual" is defined at 326 IAC 2-1.1-1(1).~~

~~B.9 Annual Compliance Certification [326 IAC 2-8-5(a)(1)]~~

- (a) ~~The Permittee shall annually submit a compliance certification report which addresses the status of the source's compliance with the terms and conditions contained in this permit, including emission limitations, standards, or work practices. All certifications shall cover the time period from January 1 to December 31 of the previous year, and shall be submitted no later than April 15 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~~
- (b) ~~The annual compliance certification report required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.~~
- (c) ~~The annual compliance certification report shall include the following:~~
 - (1) ~~The appropriate identification of each term or condition of this permit that is the basis of the certification;~~
 - (2) ~~The compliance status;~~
 - (3) ~~Whether compliance was continuous or intermittent;~~

- ~~(4) The methods used for determining the compliance status of the source, currently and over the reporting period consistent with 326 IAC 2-8-4(3); and~~
- ~~(5) Such other facts, as specified in Sections D of this permit, as IDEM, OAQ may require to determine the compliance status of the source.~~

~~The submittal by the Permittee does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).~~

~~B.10 Compliance Order Issuance [326 IAC 2-8-5(b)]~~

~~IDEM, OAQ may issue a compliance order to this Permittee upon discovery that this permit is in nonconformance with an applicable requirement. The order may require immediate compliance or contain a schedule for expeditious compliance with the applicable requirement.~~

~~B.11 Preventive Maintenance Plan [326 IAC 1-6-3][326 IAC 2-8-4(9)][326 IAC 2-8-5(a)(1)]~~

~~(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 PMP extension notification does not require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).~~

~~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. The PMPs and their submittal do not require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).~~
- ~~(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.12 Emergency Provisions [326 IAC 2-8-12]~~

- ~~(a) An emergency, as defined in 326 IAC 2-7-1(12), is not an affirmative defense for an action brought for noncompliance with a federal or state health-based emission limitation except as provided in 326 IAC 2-8-12.~~
- ~~(b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a health-based or technology-based emission limitation if the affirmative defense of an emergency is demonstrated through properly signed, contemporaneous operating logs or other relevant evidence that describe the following:~~
- ~~(1) An emergency occurred and the Permittee can, to the extent possible, identify the causes of the emergency;~~
 - ~~(2) The permitted facility was at the time being properly operated;~~
 - ~~(3) During the period of an emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements in this permit;~~
 - ~~(4) For each emergency lasting one (1) hour or more, the Permittee notified IDEM, OAQ, or Northern Regional Office within four (4) daytime business hours after the beginning of the emergency, or after the emergency was discovered or reasonably should have been discovered;~~

~~Telephone Number: 1-800-451-6027 (ask for Office of Air Quality,
Compliance and Enforcement Branch), or
Telephone Number: 317-233-0178 (ask for Office of Air Quality,
Compliance and Enforcement Branch)
Facsimile Number: 317-233-6865
Northern Regional Office phone: (574) 245-4870; fax: (574) 245-4877.~~

- ~~(5) For each emergency lasting one (1) hour or more, the Permittee submitted the attached Emergency Occurrence Report Form or its equivalent, either by mail or facsimile 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~~

~~within two (2) working days of the time when emission limitations were exceeded due to the emergency.~~

~~The notice fulfills the requirement of 326 IAC 2-8-4(3)(C)(ii) and must contain the following:~~

- ~~(A) — A description of the emergency;~~
- ~~(B) — Any steps taken to mitigate the emissions; and~~
- ~~(C) — Corrective actions taken.~~

~~The notification which shall be submitted by the Permittee does not require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).~~

- ~~(6) — The Permittee immediately took all reasonable steps to correct the emergency.~~
- ~~(c) — In any enforcement proceeding, the Permittee seeking to establish the occurrence of an emergency has the burden of proof.~~
- ~~(d) — This emergency provision supersedes 326 IAC 1-6 (Malfunctions). This permit condition is in addition to any emergency or upset provision contained in any applicable requirement.~~
- ~~(e) — The Permittee seeking to establish the occurrence of an emergency shall make records available upon request to ensure that failure to implement a PMP did not cause or contribute to an exceedance of any limitations on emissions. However, IDEM, OAQ may require that the Preventive Maintenance Plans required under 326 IAC 2-8-3(c)(6) be revised in response to an emergency.~~
- ~~(f) — Failure to notify IDEM, OAQ by telephone or facsimile of an emergency lasting more than one (1) hour in accordance with (b)(4) and (5) of this condition shall constitute a violation of 326 IAC 2-8 and any other applicable rules.~~
- ~~(g) — Operations may continue during an emergency only if the following conditions are met:~~
 - ~~(1) — If the emergency situation causes a deviation from a technology-based limit, the Permittee may continue to operate the affected emitting facilities during the emergency provided the Permittee immediately takes all reasonable steps to correct the emergency and minimize emissions.~~
 - ~~(2) — If an emergency situation causes a deviation from a health-based limit, the Permittee may not continue to operate the affected emissions facilities unless:~~
 - ~~(A) — The Permittee immediately takes all reasonable steps to correct the emergency situation and to minimize emissions; and~~
 - ~~(B) — Continued operation of the facilities is necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw material of substantial economic value.~~

Any operations shall continue no longer than the minimum time required to prevent the situations identified in (g)(2)(B) of this condition.

~~B.13 — Prior Permits Superseded [326 IAC 2-1.1-9.5]~~

- ~~(a) — All terms and conditions of permits established prior to F039-29849-00621 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.14 — Termination of Right to Operate [326 IAC 2-8-9][326 IAC 2-8-3(h)]~~

~~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 nine (9) months prior to the date of expiration of the source's existing permit, consistent with 326 IAC 2-8-3(h) and 326 IAC 2-8-9.~~

~~B.15 — Permit Modification, Reopening, Revocation and Reissuance, or Termination [326 IAC 2-8-4(5)(C)][326 IAC 2-8-7(a)][326 IAC 2-8-8]~~

- ~~(a) — This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a Federally Enforceable State Operating Permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of this permit. [326 IAC 2-8-4(5)(C)] The notification by the Permittee does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).~~
- ~~(b) — This permit shall be reopened and revised under any of the circumstances listed in IC 13-15-7-2 or if IDEM, OAQ determines any of the following:~~
- ~~(1) — That this permit contains a material mistake.~~
 - ~~(2) — That inaccurate statements were made in establishing the emissions standards or other terms or conditions.~~
 - ~~(3) — That this permit must be revised or revoked to assure compliance with an applicable requirement. [326 IAC 2-8-8(a)]~~
- ~~(c) — Proceedings by IDEM, OAQ to reopen and revise this permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of this permit for which cause to reopen exists. Such reopening and revision shall be made as expeditiously as practicable. [326 IAC 2-8-8(b)]~~
- ~~(d) — The reopening and revision of this permit, under 326 IAC 2-8-8(a), shall not be initiated before notice of such intent is provided to the Permittee by IDEM, OAQ at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAQ may provide a shorter time period in the case of an emergency. [326 IAC 2-8-8(c)]~~

~~B.16 — Permit Renewal [326 IAC 2-8-3(h)]~~

- ~~(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 2-8-3.~~

~~Such information shall be included in the application for each emission unit at this source, except those emission units included on the trivial or insignificant activities list contained in 326 IAC 2-7-1(21) and 326 IAC 2-7-1(40). The renewal application does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) 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 nine (9) months 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 2-8 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 2-8-3(g), in writing by IDEM, OAQ any additional information identified as being needed to process the application.~~

~~B.17 Permit Amendment or Revision [326 IAC 2-8-10][326 IAC 2-8-11.1]~~

~~(a) Permit amendments and revisions are governed by the requirements of 326 IAC 2-8-10 or 326 IAC 2-8-11.1 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~~

~~Any such application does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).~~

~~(c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-8-10(b)(3)]~~

~~B.18 Operational Flexibility [326 IAC 2-8-15][326 IAC 2-8-11.1]~~

~~(a) The Permittee may make any change or changes at the source that are described in 326 IAC 2-8-15(b) through (d) without a prior permit revision, if each of the following conditions is met:~~

- (1) ~~The changes are not modifications under any provision of Title I of the Clean Air Act;~~
- (2) ~~Any approval required by 326 IAC 2-8-11.1 has been obtained;~~
- (3) ~~The changes do not result in emissions which exceed the limitations provided in this permit (whether expressed herein as a rate of emissions or in terms of total emissions);~~
- (4) ~~The Permittee notifies the:~~

~~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~~

~~and~~

~~United States Environmental Protection Agency, Region V
Air and Radiation Division, Regulation Development Branch - Indiana (AR-18J)
77 West Jackson Boulevard
Chicago, Illinois 60604-3590~~

~~in advance of the change by written notification at least ten (10) days in advance of the proposed change. The Permittee shall attach every such notice to the Permittee's copy of this permit; and~~

- (5) ~~The Permittee maintains records on-site, on a rolling five (5) year basis, which document all such changes and emission trades that are subject to 326 IAC 2-8-15(b) through (d). The Permittee shall make such records available, upon reasonable request, for public review.~~

~~Such records shall consist of all information required to be submitted to IDEM, OAQ in the notices specified in 326 IAC 2-8-15(b)(2), (c)(1), and (d).~~

- (b) ~~Emission Trades [326 IAC 2-8-15(c)]~~
~~The Permittee may trade emissions increases and decreases at the source, where the applicable SIP provides for such emission trades without requiring a permit revision, subject to the constraints of Section (a) of this condition and those in 326 IAC 2-8-15(c).~~

- (c) ~~Alternative Operating Scenarios [326 IAC 2-8-15(d)]~~
~~The Permittee may make changes at the source within the range of alternative operating scenarios that are described in the terms and conditions of this permit in accordance with 326 IAC 2-8-4(7). No prior notification of IDEM, OAQ, or U.S. EPA is required.~~

- (d) ~~Backup fuel switches specifically addressed in, and limited under, Section D of this permit shall not be considered alternative operating scenarios. Therefore, the notification requirements of part (a) of this condition do not apply.~~

B.19 ~~Source Modification Requirement [326 IAC 2-8-11.1]~~

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

B.20 ~~Inspection and Entry [326 IAC 2-8-5(a)(2)][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 FESOP 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.21 Transfer of Ownership or Operational Control [326 IAC 2-8-10]~~

- ~~(a) The Permittee must comply with the requirements of 326 IAC 2-8-10 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~~

~~Any such application does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).~~

- ~~(c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-8-10(b)(3)]~~

~~B.22 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-8-4(6)] [326 IAC 2-8-16][326 IAC 2-1.1-7]~~

- ~~(a) The Permittee shall pay annual fees to IDEM, OAQ no later than thirty (30) calendar days of receipt of a billing. Pursuant to 326 IAC 2-7-19(b), if the Permittee does not receive a bill from IDEM, OAQ the applicable fee is due April 1 of each year.~~
- ~~(b) Failure to pay may result in administrative enforcement action or revocation of this permit.~~

- (c) ~~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.23 Credible Evidence [326 IAC 2-8-4(3)][326 IAC 2-8-5][62 FR 8314] [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 2-8-4(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 Overall Source Limit [326 IAC 2-8]~~

~~The purpose of this permit is to limit this source's potential to emit to less than major source levels for the purpose of Section 502(a) of the Clean Air Act.~~

~~(a) Pursuant to 326 IAC 2-8:~~

- ~~(1) The potential to emit any regulated pollutant, except particulate matter (PM), from the entire source shall be limited to less than one hundred (100) tons per twelve (12) consecutive month period.~~
- ~~(2) The potential to emit any individual hazardous air pollutant (HAP) from the entire source shall be limited to less than ten (10) tons per twelve (12) consecutive month period; and~~
- ~~(3) The potential to emit any combination of HAPs from the entire source shall be limited to less than twenty-five (25) tons per twelve (12) consecutive month period.~~

- ~~(b) Pursuant to 326 IAC 2-2 (PSD), potential to emit particulate matter (PM) from the entire source shall be limited to less than two hundred fifty (250) tons per twelve (12) consecutive month period.~~

- ~~(c) This condition shall include all emission points at this source including those that are insignificant as defined in 326 IAC 2-7-1(21). The source shall be allowed to add insignificant activities not already listed in this permit, provided that the source's potential to emit does not exceed the above specified limits.~~

- ~~(d) Section D of this permit contains independently enforceable provisions to satisfy this requirement.~~

~~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. The notifications do not require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- ~~(e) Procedures for Asbestos Emission Control~~
The Permittee shall comply with the applicable emission control procedures in 326 IAC 14-10-4 and 40 CFR 61.145(c). Per 326 IAC 14-10-1, emission control requirements are applicable for any removal or disturbance of RACM greater than three (3) linear feet on pipes or three (3) square feet on any other facility components or a total of at least 0.75 cubic feet on all facility components.
- ~~(f) Demolition and Renovation~~
The Permittee shall thoroughly inspect the affected facility or part of the facility where the demolition or renovation will occur for the presence of asbestos pursuant to 40 CFR 61.145(a).
- ~~(g) Indiana Licensed Asbestos Inspector~~
The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Licensed Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos.

Testing Requirements [326 IAC 2-8-4(3)]

~~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. The protocol submitted by the Permittee does not require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- ~~(b) The Permittee shall notify IDEM, OAQ of the actual test date at least fourteen (14) days prior to the actual test date. The notification submitted by the Permittee does not require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).~~

- (c) Pursuant to 326 IAC 3-6-4(b), all test reports must be received by IDEM, OAQ not later than forty five (45) days after the completion of the testing. An extension may be granted by IDEM, OAQ if the Permittee submits to IDEM, OAQ a reasonable written explanation not later than five (5) days prior to the end of the initial forty-five (45) day period.

Compliance Requirements [326 IAC 2-1.1-11]

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

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

Compliance Monitoring Requirements [326 IAC 2-8-4][326 IAC 2-8-5(a)(1)]

C.10 Compliance Monitoring [326 IAC 2-8-4(3)][326 IAC 2-8-5(a)(1)]

Unless otherwise specified in this permit, for all monitoring requirements not already legally required, the Permittee shall be allowed up to ninety (90) days from the date of permit issuance or of initial start-up, whichever is later, to begin such monitoring. If due to circumstances beyond the Permittee's control, any monitoring equipment required by this permit cannot be installed and operated no later than ninety (90) days after permit issuance or the date of initial startup, whichever is later, the Permittee may extend the compliance schedule related to the equipment for an additional ninety (90) days provided the Permittee notifies:

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

in writing, prior to the end of the initial ninety (90) day compliance schedule, with full justification of the reasons for the inability to meet this date.

The notification which shall be submitted by the Permittee does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

Unless otherwise specified in the approval for the new emission unit(s), compliance monitoring for new emission units or emission units added through a permit revision shall be implemented when operation begins.

C.11 Instrument Specifications [326 IAC 2-1.1-11][326 IAC 2-8-4(3)][326 IAC 2-8-5(1)]

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

Corrective Actions and Response Steps [326 IAC 2-8-4][326 IAC 2-8-5(a)(1)]

C.12 Risk Management Plan [326 IAC 2-8-4] [40 CFR 68]

If a regulated substance, as defined in 40 CFR 68, is present at a source in more than a threshold quantity, the Permittee must comply with the applicable requirements of 40 CFR 68.

C.13 Response to Excursions or Exceedances [326 IAC 2-8-4] [326 IAC 2-8-5]

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.14 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-8-4][326 IAC 2-8-5]

- (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.

~~The response action documents submitted pursuant to this condition do require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).~~

Record Keeping and Reporting Requirements [326 IAC 2-8-4(3)]

C.15 ~~General Record Keeping Requirements [326 IAC 2-8-4(3)] [326 IAC 2-8-5]~~

- ~~(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 2-8-4(3)(C)] [326 IAC 2-1.1-11]~~

- ~~(a) The Permittee shall submit the attached Quarterly Deviation and Compliance Monitoring Report or its equivalent. Any deviation from permit requirements, the date(s) of each deviation, the cause of the deviation, and the response steps taken must be reported except that a deviation required to be reported pursuant to an applicable requirement that exists independent of this permit, shall be reported according to the schedule stated in the applicable requirement and does not need to be included in this report. This report shall be submitted not later than thirty (30) days after the end of the reporting period. The Quarterly Deviation and Compliance Monitoring Report shall include a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1). A deviation is an exceedance of a permit limitation or a failure to comply with a requirement of the permit.~~
- ~~(b) The address for report submittal is:

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

~~Stratospheric Ozone Protection~~

~~C.17 Compliance with 40 CFR 82 and 326 IAC 22-1~~

~~Pursuant to 40 CFR 82 (Protection of Stratospheric Ozone), Subpart F, except as provided for motor vehicle air conditioners in Subpart B, the Permittee shall comply with applicable standards for recycling and emissions reduction.~~

SECTION B GENERAL CONDITIONS

B.1 Definitions [326 IAC 2-8-1]

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 2-7) shall prevail.

B.2 Permit Term [326 IAC 2-8-4(2)][326 IAC 2-1.1-9.5][IC 13-15-3-6(a)]

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

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

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

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

B.4 Enforceability [326 IAC 2-8-6] [IC 13-17-12]

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 [326 IAC 2-8-4(4)]

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 [326 IAC 2-8-4(5)(D)]

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

B.7 Duty to Provide Information [326 IAC 2-8-4(5)(E)]

- (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 Certification [326 IAC 2-8-3(d)][326 IAC 2-8-4(3)(C)(i)][326 IAC 2-8-5(1)]

- (a) A certification required by this permit meets the requirements of 326 IAC 2-8-5(a)(1) if:
- (1) it contains a certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1), and
 - (2) the certification states that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
- (b) The Permittee may use the attached Certification Form, or its equivalent with each submittal requiring certification. One (1) certification may cover multiple forms in one (1) submittal.
- (c) An "authorized individual" is defined at 326 IAC 2-1.1-1(1).

B.9 Annual Compliance Certification [326 IAC 2-8-5(a)(1)]

- (a) The Permittee shall annually submit a compliance certification report which addresses the status of the source's compliance with the terms and conditions contained in this permit, including emission limitations, standards, or work practices. The initial certification shall cover the time period from the date of final permit issuance through December 31 of the same year. All subsequent certifications shall cover the time period from January 1 to December 31 of the previous year, and shall be submitted no later than April 15 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

- (b) The annual compliance certification report required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.
- (c) The annual compliance certification report shall include the following:
- (1) The appropriate identification of each term or condition of this permit that is the basis of the certification;
 - (2) The compliance status;
 - (3) Whether compliance was continuous or intermittent;
 - (4) The methods used for determining the compliance status of the source, currently and over the reporting period consistent with 326 IAC 2-8-4(3); and

- (5) Such other facts, as specified in Sections D of this permit, as IDEM, OAQ may require to determine the compliance status of the source.

The submittal by the Permittee does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

B.10 Compliance Order Issuance [326 IAC 2-8-5(b)]

IDEM, OAQ may issue a compliance order to this Permittee upon discovery that this permit is in nonconformance with an applicable requirement. The order may require immediate compliance or contain a schedule for expeditious compliance with the applicable requirement.

B.11 Preventive Maintenance Plan [326 IAC 1-6-3][326 IAC 2-8-4(9)]

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

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

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

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

The PMP extension notification does not require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

The Permittee shall implement the PMPs.

- (b) A copy of the PMPs shall be submitted to IDEM, OAQ upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or is the primary contributor to an exceedance of any limitation on emissions. The PMPs and their submittal do not require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (c) To the extent the Permittee is required by 40 CFR Part 60/63 to have an Operation Maintenance, and Monitoring (OMM) Plan for a unit, such Plan is deemed to satisfy the PMP requirements of 326 IAC 1-6-3 for that unit.

B.12 Emergency Provisions [326 IAC 2-8-12]

- (a) An emergency, as defined in 326 IAC 2-7-1(12), is not an affirmative defense for an action brought for noncompliance with a federal or state health-based emission limitation except as provided in 326 IAC 2-8-12.
- (b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a health-based or technology-based emission limitation if the affirmative defense of an emergency is demonstrated through properly signed, contemporaneous operating logs or other relevant evidence that describe the following:

- (1) An emergency occurred and the Permittee can, to the extent possible, identify the causes of the emergency;
- (2) The permitted facility was at the time being properly operated;
- (3) During the period of an emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements in this permit;
- (4) For each emergency lasting one (1) hour or more, the Permittee notified IDEM, OAQ or Northern Regional Office within four (4) daytime business hours after the beginning of the emergency, or after the emergency was discovered or reasonably should have been discovered;

Telephone Number: 1-800-451-6027 (ask for Office of Air Quality, Compliance and Enforcement Branch), or
Telephone Number: 317-233-0178 (ask for Office of Air Quality, Compliance and Enforcement Branch)
Facsimile Number: 317-233-6865
Northern Regional Office phone: (574) 245-4870; fax: (574) 245-4877.

- (5) For each emergency lasting one (1) hour or more, the Permittee submitted the attached Emergency Occurrence Report Form or its equivalent, either by mail or facsimile 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

within two (2) working days of the time when emission limitations were exceeded due to the emergency.

The notice fulfills the requirement of 326 IAC 2-8-4(3)(C)(ii) and must contain the following:

- (A) A description of the emergency;
- (B) Any steps taken to mitigate the emissions; and
- (C) Corrective actions taken.

The notification which shall be submitted by the Permittee does not require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (6) The Permittee immediately took all reasonable steps to correct the emergency.**
- (c) In any enforcement proceeding, the Permittee seeking to establish the occurrence of an emergency has the burden of proof.**
- (d) This emergency provision supersedes 326 IAC 1-6 (Malfunctions). This permit condition is in addition to any emergency or upset provision contained in any applicable requirement.**
- (e) The Permittee seeking to establish the occurrence of an emergency shall make records available upon request to ensure that failure to implement a PMP did not cause or contribute to an exceedance of any limitations on emissions. However, IDEM, OAQ may require that the Preventive Maintenance Plans required under 326 IAC 2-8-3(c)(6) be revised in response to an emergency.**
- (f) Failure to notify IDEM, OAQ by telephone or facsimile of an emergency lasting more than one (1) hour in accordance with (b)(4) and (5) of this condition shall constitute a violation of 326 IAC 2-8 and any other applicable rules.**
- (g) Operations may continue during an emergency only if the following conditions are met:**
 - (1) If the emergency situation causes a deviation from a technology-based limit, the Permittee may continue to operate the affected emitting facilities during the emergency provided the Permittee immediately takes all reasonable steps to correct the emergency and minimize emissions.**
 - (2) If an emergency situation causes a deviation from a health-based limit, the Permittee may not continue to operate the affected emissions facilities unless:**
 - (A) The Permittee immediately takes all reasonable steps to correct the emergency situation and to minimize emissions; and**
 - (B) Continued operation of the facilities is necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw material of substantial economic value.**

Any operations shall continue no longer than the minimum time required to prevent the situations identified in (g)(2)(B) of this condition.

B.13 Prior Permits Superseded [326 IAC 2-1.1-9.5]

-
- (a) All terms and conditions of permits established prior to - and issued pursuant to permitting programs approved into the state implementation plan have been either:**
 - (1) incorporated as originally stated,**
 - (2) revised, or**
 - (4) deleted.**

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

B.14 Termination of Right to Operate [326 IAC 2-8-9][326 IAC 2-8-3(h)]

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 nine (9) months prior to the date of expiration of the source's existing permit, consistent with 326 IAC 2-8-3(h) and 326 IAC 2-8-9.

B.15 Permit Modification, Reopening, Revocation and Reissuance, or Termination [326 IAC 2-8-4(5)(C)][326 IAC 2-8-7(a)][326 IAC 2-8-8]

- (a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a Federally Enforceable State Operating Permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of this permit. [326 IAC 2-8-4(5)(C)] The notification by the Permittee does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (b) This permit shall be reopened and revised under any of the circumstances listed in IC 13-15-7-2 or if IDEM, OAQ determines any of the following:
- (1) That this permit contains a material mistake.
 - (2) That inaccurate statements were made in establishing the emissions standards or other terms or conditions.
 - (3) That this permit must be revised or revoked to assure compliance with an applicable requirement. [326 IAC 2-8-8(a)]
- (c) Proceedings by IDEM, OAQ to reopen and revise this permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of this permit for which cause to reopen exists. Such reopening and revision shall be made as expeditiously as practicable. [326 IAC 2-8-8(b)]
- (d) The reopening and revision of this permit, under 326 IAC 2-8-8(a), shall not be initiated before notice of such intent is provided to the Permittee by IDEM, OAQ at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAQ may provide a shorter time period in the case of an emergency. [326 IAC 2-8-8(c)]

B.16 Permit Renewal [326 IAC 2-8-3(h)]

- (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 2-8-3. Such information shall be included in the application for each emission unit at this source, except those emission units included on the trivial or insignificant activities list contained in 326 IAC 2-7-1(21) and 326 IAC 2-7-1(42). The renewal application does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) 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 nine (9) months 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 2-8 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 2-8-3(g), in writing by IDEM, OAQ any additional information identified as being needed to process the application.

B.17 Permit Amendment or Revision [326 IAC 2-8-10][326 IAC 2-8-11.1]

- (a) Permit amendments and revisions are governed by the requirements of 326 IAC 2-8-10 or 326 IAC 2-8-11.1 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
- Any such application does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-8-10(b)(3)]

B.18 Operational Flexibility [326 IAC 2-8-15][326 IAC 2-8-11.1]

- (a) The Permittee may make any change or changes at the source that are described in 326 IAC 2-8-15(b) and (c) without a prior permit revision, if each of the following conditions is met:
- (1) The changes are not modifications under any provision of Title I of the Clean Air Act;
 - (2) Any approval required by 326 IAC 2-8-11.1 has been obtained;
 - (3) The changes do not result in emissions which exceed the limitations provided in this permit (whether expressed herein as a rate of emissions or in terms of total emissions);
 - (4) The Permittee notifies the:

**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**

and

**United States Environmental Protection Agency, Region V
Air and Radiation Division, Regulation Development Branch - Indiana (AR-18J)
77 West Jackson Boulevard
Chicago, Illinois 60604-3590**

in advance of the change by written notification at least ten (10) days in advance of the proposed change. The Permittee shall attach every such notice to the Permittee's copy of this permit; and

- (5) The Permittee maintains records on-site, on a rolling five (5) year basis, which document all such changes and emission trades that are subject to 326 IAC 2-8-15(b)(1) and (c). The Permittee shall make such records available, upon reasonable request, for public review.**

Such records shall consist of all information required to be submitted to IDEM, OAQ in the notices specified in 326 IAC 2-8-15(b)(1) and (c).

- (b) Emission Trades [326 IAC 2-8-15(b)]
The Permittee may trade emissions increases and decreases at the source, where the applicable SIP provides for such emission trades without requiring a permit revision, subject to the constraints of Section (a) of this condition and those in 326 IAC 2-8-15(b).**
- (c) Alternative Operating Scenarios [326 IAC 2-8-15(c)]
The Permittee may make changes at the source within the range of alternative operating scenarios that are described in the terms and conditions of this permit in accordance with 326 IAC 2-8-4(7). No prior notification of IDEM, OAQ or U.S. EPA is required.**
- (d) Backup fuel switches specifically addressed in, and limited under, Section D of this permit shall not be considered alternative operating scenarios. Therefore, the notification requirements of part (a) of this condition do not apply.**

B.19 Source Modification Requirement [326 IAC 2-8-11.1]

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

B.20 Inspection and Entry [326 IAC 2-8-5(a)(2)][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 FESOP 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.21 Transfer of Ownership or Operational Control [326 IAC 2-8-10]

- (a) The Permittee must comply with the requirements of 326 IAC 2-8-10 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

Any such application does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-8-10(b)(3)]

B.22 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-8-4(6)] [326 IAC 2-8-16][326 IAC 2-1.1-7]

- (a) The Permittee shall pay annual fees to IDEM, OAQ no later than thirty (30) calendar days of receipt of a billing. Pursuant to 326 IAC 2-7-19(b), if the Permittee does not receive a bill from IDEM, OAQ the applicable fee is due April 1 of each year.
- (b) Failure to pay may result in administrative enforcement action or revocation of this permit.
- (c) 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.23 Credible Evidence [326 IAC 2-8-4(3)][326 IAC 2-8-5][62 FR 8314] [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 2-8-4(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 Overall Source Limit [326 IAC 2-8]

The purpose of this permit is to limit this source's potential to emit to less than major source levels for the purpose of Section 502(a) of the Clean Air Act.

(a) Pursuant to 326 IAC 2-8:

- (1) The potential to emit any regulated pollutant, except particulate matter (PM) and greenhouse gases (GHGs), from the entire source shall be limited to less than one hundred (100) tons per twelve (12) consecutive month period.**
- (2) The potential to emit any individual hazardous air pollutant (HAP) from the entire source shall be limited to less than ten (10) tons per twelve (12) consecutive month period; and**
- (3) The potential to emit any combination of HAPs from the entire source shall be limited to less than twenty-five (25) tons per twelve (12) consecutive month period.**
- (4) The potential to emit greenhouse gases (GHGs) from the entire source shall be limited to less than one hundred thousand (100,000) tons of CO₂ equivalent emissions (CO₂e) per twelve (12) consecutive month period.**

(b) Pursuant to 326 IAC 2-2 (PSD), potential to emit particulate matter (PM) from the entire source shall be limited to less than one hundred (100) tons per twelve (12) consecutive month period.

(c) This condition shall include all emission points at this source including those that are insignificant as defined in 326 IAC 2-7-1(21). The source shall be allowed to add insignificant activities not already listed in this permit, provided that the source's potential to emit does not exceed the above specified limits.

(d) Section D of this permit contains independently enforceable provisions to satisfy this requirement.

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. The notifications do not require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (e) **Procedures for Asbestos Emission Control**
The Permittee shall comply with the applicable emission control procedures in 326 IAC 14-10-4 and 40 CFR 61.145(c). Per 326 IAC 14-10-1, emission control requirements are applicable for any removal or disturbance of RACM greater than three (3) linear feet on pipes or three (3) square feet on any other facility components or a total of at least 0.75 cubic feet on all facility components.
- (f) **Demolition and Renovation**
The Permittee shall thoroughly inspect the affected facility or part of the facility where the demolition or renovation will occur for the presence of asbestos pursuant to 40 CFR 61.145(a).
- (g) **Indiana Licensed Asbestos Inspector**
The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Licensed Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos.

Testing Requirements [326 IAC 2-8-4(3)]

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. The protocol submitted by the Permittee does not require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (b) The Permittee shall notify IDEM, OAQ of the actual test date at least fourteen (14) days prior to the actual test date. The notification submitted by the Permittee does not require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (c) Pursuant to 326 IAC 3-6-4(b), all test reports must be received by IDEM, OAQ not later than forty-five (45) days after the completion of the testing. An extension may be granted by IDEM, OAQ if the Permittee submits to IDEM, OAQ a reasonable written explanation not later than five (5) days prior to the end of the initial forty-five (45) day period.

Compliance Requirements [326 IAC 2-1.1-11]

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

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

Compliance Monitoring Requirements [326 IAC 2-8-4][326 IAC 2-8-5(a)(1)]

C.10 Compliance Monitoring [326 IAC 2-8-4(3)][326 IAC 2-8-5(a)(1)]

- (a) For new units:
Unless otherwise specified in the approval for the new emission unit(s), compliance monitoring for new emission units shall be implemented on and after the date of initial start-up.
- (b) For existing units:
Unless otherwise specified in this permit, for all monitoring requirements not already legally required, the Permittee shall be allowed up to ninety (90) days from the date of permit issuance to begin such monitoring. If, due to circumstances beyond the Permittee's control, any monitoring equipment required by this permit cannot be installed and operated no later than ninety (90) days after permit issuance, the Permittee may extend the compliance schedule related to the equipment for 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

in writing, prior to the end of the initial ninety (90) day compliance schedule, with full justification of the reasons for the inability to meet this date.

The notification which shall be submitted by the Permittee does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

C.11 Instrument Specifications [326 IAC 2-1.1-11] [326 IAC 2-8-4(3)][326 IAC 2-8-5(1)]

- (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.
- (c) 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 [326 IAC 2-8-4][326 IAC 2-8-5(a)(1)]

C.12 Risk Management Plan [326 IAC 2-8-4] [40 CFR 68]

If a regulated substance, as defined in 40 CFR 68, is present at a source in more than a threshold quantity, the Permittee must comply with the applicable requirements of 40 CFR 68.

C.13 Response to Excursions or Exceedances [326 IAC 2-8-4] [326 IAC 2-8-5]

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.14 Actions Related to Noncompliance Demonstrated by a Stack Test
[326 IAC 2-8-4][326 IAC 2-8-5]

- (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.

The response action documents submitted pursuant to this condition do require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

Record Keeping and Reporting Requirements [326 IAC 2-8-4(3)]

C.15 General Record Keeping Requirements [326 IAC 2-8-4(3)] [326 IAC 2-8-5]

- (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. Support information includes the following, where applicable:
- (AA) All calibration and maintenance records.
 - (BB) All original strip chart recordings for continuous monitoring instrumentation.
 - (CC) Copies of all reports required by the FESOP.
- Records of required monitoring information include the following, where applicable:
- (AA) The date, place, as defined in this permit, and time of sampling or measurements.
 - (BB) The dates analyses were performed.
 - (CC) The company or entity that performed the analyses.
 - (DD) The analytical techniques or methods used.
 - (EE) The results of such analyses.
 - (FF) The operating conditions as existing at the time of sampling or measurement.

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 2-8-4(3)(C)] [326 IAC 2-1.1-11]

- (a) The Permittee shall submit the attached Quarterly Deviation and Compliance Monitoring Report or its equivalent. Proper notice submittal under Section B – Emergency Provisions satisfies the reporting requirements of this paragraph. Any deviation from permit requirements, the date(s) of each deviation, the cause of the deviation, and the response steps taken must be reported except that a deviation required to be reported pursuant to an applicable requirement that exists independent of this permit, shall be reported according to the schedule stated in the applicable requirement and does not need to be included in this report. This report shall be submitted not later than thirty (30) days after the end of the reporting period. The Quarterly Deviation and Compliance Monitoring Report shall include a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1). A deviation is an exceedance of a permit limitation or a failure to comply with a requirement of the permit.
- (b) The address for report submittal is:
- 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) 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.
- (d) The first report shall cover the period commencing on the date of issuance of this permit or the date of initial start-up, whichever is later, and ending on the last day of the reporting period. Reporting periods are based on calendar years, unless otherwise specified in this permit. For the purpose of this permit, "calendar year" means the twelve (12) month period from January 1 to December 31 inclusive.

Stratospheric Ozone Protection

C.17 Compliance with 40 CFR 82 and 326 IAC 22-1

Pursuant to 40 CFR 82 (Protection of Stratospheric Ozone), Subpart F, except as provided for motor vehicle air conditioners in Subpart B, the Permittee shall comply with applicable standards for recycling and emissions reduction.

D.1.4 Record Keeping Requirements

- (a) To document the compliance status with Condition D.1.1, the Permittee shall maintain records in accordance with (1) through (5) below. Records maintained for (1) through (5) shall be taken monthly and shall be complete and sufficient to establish compliance with the VOC content limits established in Condition D.1.1. Records necessary to demonstrate compliance shall be available ~~within~~ **not later than** 30 days of the end of each compliance period.

...

D.1.5 Reporting Requirements

A quarterly summary of the information to document **the** compliance status with Condition D.1.1 shall be submitted not later than thirty (30) days after the end of the quarter being reported. Section C - General Reporting contains the Permittee's obligation with regard to the reporting required by this condition. The report submitted by the Permittee does require a certification that meet the requirements of 326 IAC 2-8-5(a)(1) by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE AND ENFORCEMENT BRANCH
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251
Phone: (317) 233-0178
Fax: (317) 233-6865**

**FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)
EMERGENCY OCCURRENCE REPORT**

Source Name: Heartland Recreational Vehicles, LLC
Source Address: 1001 All Pro Drive, Elkhart, Indiana 46514
FESOP Permit No.: F039-29849-00621

This form consists of 2 pages

Page 1 of 2

- ☐ This is an emergency as defined in 326 IAC 2-7-1(12)

 - The Permittee must notify the Office of Air Quality (OAQ), ~~within~~ **not later than four (4)** business hours (1-800-451-6027 or 317-233-0178, ask for Compliance Section); and
 - The Permittee must submit notice in writing or by facsimile ~~within~~ **not later than two (2)** working days (Facsimile Number: 317-233-6865), and follow the other requirements of 326 IAC 2-7-16

...

Conclusion and Recommendation

Unless otherwise stated, information used in this review was derived from the application and additional information submitted by the applicant. An application for the purposes of this review was received on October 02, 2013.

The construction and operation of this proposed revision shall be subject to the conditions of the attached proposed FESOP Significant Permit Revision No. 039-33732-00621. The staff recommends to the Commissioner that this FESOP Significant Permit Revision be approved.

IDEM Contact

- (a) Questions regarding this proposed permit can be directed to Ghassan Shalabi 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 317-234-5378 or toll free at 1-800-451-6027 extension 4-5378.
- (b) A copy of the findings is available on the Internet at: <http://www.in.gov/ai/appfiles/idem-caats/>
- (c) For additional information about air permits and how the public and interested parties can participate, refer to the IDEM's Guide for Citizen Participation and Permit Guide on the Internet at: www.in.gov/idem

**Appendix A: Emissions Calculations
Source Wide Summary of Emissions**

Page 1 of 14 TSD App A

**Company Name: Heartland Recreational Vehicles, LLC
Permit Number: 039-33732-00621
Plt ID: 039-00621
Reviewer: Ghassan Shalabi
Date: 10/20/2013**

Uncontrolled Emissions (Tons/Yr)									
Plant ID	PM	PM10	PM2.5	VOC	NOx	SO2	CO	Single HAP*	Combined HAP
Plant 2	15.51	15.58	15.58	22.35	1.22	0.01	1.02	3.70	4.49
Plant 3	0.52	0.62	0.62	0.09	1.68	0.01	1.41	0.03	0.33
Plant 7A/7B	15.52	15.55	15.55	22.26	0.49	0.00	0.41	3.67	4.46
Plant 11	0.75	0.78	0.78	0.03	0.53	0.00	0.44	0.01	0.46
Plant 12	129.31	129.33	129.33	0.02	0.37	0.00	0.31	0.01	0.01
Plant 14	0.01	0.03	0.03	0.02	0.02	0.00	0.30	0.01	0.01
Plant 16	18.15	18.19	18.19	8.94	0.78	0.00	0.65	1.48	1.80
Plant 17/18	1.21	1.22	1.22	8.91	0.26	0.00	0.22	1.47	1.79
Plant 19	1.38	1.48	1.48	0.09	1.66	0.01	1.40	0.03	0.86
Plants 21, 22, & 23	19.66	19.68	19.68	13.37	0.50	0.00	0.42	2.20	2.70
Plant 69A/69B	22.49	22.56	22.56	35.64	1.17	0.01	0.99	5.88	7.11
Potential to Emit:	224.51	225.03	225.03	111.71	8.68	0.05	7.57	18.48	24.02

Note:

Highest Single HAP = Hexane

Controlled Emissions (Tons/Yr)									
Plant ID	PM	PM10	PM2.5	VOC	NOx	SO2	CO	Single HAP*	Combined HAP
Plant 2	2.64	2.70	2.70	22.35	1.22	0.01	1.02	3.70	4.49
Plant 3	0.52	0.62	0.62	0.09	1.68	0.01	1.41	0.03	0.33
Plant 7A/7B	2.65	2.67	2.67	22.26	0.49	0.00	0.41	3.67	4.46
Plant 11	0.75	0.78	0.78	0.03	0.53	0.00	0.44	0.01	0.46
Plant 12	1.83	1.85	1.85	0.02	0.37	0.00	0.31	0.01	0.01
Plant 14	0.01	0.03	0.03	0.02	0.02	0.00	0.30	0.01	0.01
Plant 16	2.69	2.74	2.74	8.94	0.78	0.00	0.65	1.48	1.80
Plant 17/18	1.21	1.22	1.22	8.91	0.26	0.00	0.22	1.47	1.79
Plant 19	1.38	1.48	1.48	0.09	1.66	0.01	1.40	0.03	0.86
Plants 21, 22, & 23	2.55	2.58	2.58	13.37	0.50	0.00	0.42	2.20	2.70
Plant 69A/69B	5.38	5.45	5.45	35.64	1.17	0.01	0.99	5.88	7.11
Potential to Emit:	21.60	22.12	22.12	111.71	8.68	0.05	7.57	18.48	24.02

Note:

Highest Single HAP = Hexane

Limited Emissions (Tons/Yr)									
Plant ID	PM	PM10	PM2.5	VOC	NOx	SO2	CO	Single HAP	Combined HAP
Plant 2	2.64	2.70	2.70	99.00	1.22	0.01	1.02	9.90	4.49
Plant 3	0.52	0.62	0.62		1.68	0.01	1.41		0.33
Plant 7A/7B	2.65	2.67	2.67		0.49	0.00	0.41		4.46
Plant 11	0.75	0.78	0.78		0.53	0.00	0.44		0.46
Plant 12	1.83	1.85	1.85		0.37	0.00	0.31		0.01
Plant 14	0.01	0.03	0.03		0.02	0.00	0.30		0.01
Plant 16	2.69	2.74	2.74		0.78	0.00	0.65		1.80
Plant 19	1.38	1.48	1.48		1.66	0.01	1.40		0.86
Plant 17/18	1.21	1.22	1.22		0.26	0.00	0.22		1.79
Plants 21, 22, & 23	2.55	2.58	2.58		0.50	0.00	0.42		2.70
Plant 69A/69B	5.38	5.45	5.45		1.17	0.01	0.99		7.11
Potential to Emit:	21.60	22.12	22.12	99.00	8.68	0.05	7.57	9.90	24.02

Appendix A: Emissions Calculations
Natural Gas Combustion Only
GHG emissions from all heating sources

Company Name: Heartland Recreational Vehicles, LLC
Permit Number: 039-33732-00621
Plt ID: 039-00621
Reviewer: Ghassan Shalabi
Date: 10/10/2013

Heat Input Capacity MMBtu/hr	HHV mmBtu mmscf	Potential Throughput MMCF/yr
19.8	1020	169.9

Greenhouse Gas Calculations

Emission Factor in lb/MMcf	Greenhouse Gas		
	CO2 120,000	CH4 2.3	N2O 2.2
Potential Emission in tons/yr	10,193	0.2	0.2
Summed Potential Emissions in tons/yr	10,193		
CO2e Total in tons/yr	10,255		

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

Appendix A: Emission Calculations
Emissions Summary
Plant 2

Page 3 of 14 TSD App A

Company Name: Heartland Recreational Vehicles, LLC
Permit Number: 039-33732-00621
Plt ID: 039-00621
Reviewer: Ghassan Shalabi
Date: 10/20/2013

Uncontrolled Emissions (Tons/Yr)									
Pollutant	Nat. Gas Combustion	Chassis Prep	Assembly	Touch-Up Paint	Final Finish	Cabinet & Molding	Misc. Machining	Welding	Total
PM	0.02	0.22	0.00	0.09	0.04	13.14	1.59	0.41	15.51
PM10	0.09	0.22	0.00	0.09	0.04	13.14	1.59	0.41	15.58
PM2.5	0.09	0.22	0.00	0.09	0.04	13.14	1.59	0.41	15.58
VOC	0.07	0.40	18.49	1.10	2.30	-	-	-	22.35
NOx	1.22	-	-	-	-	-	-	-	1.22
SO2	0.01	-	-	-	-	-	-	-	0.01
CO	1.02	-	-	-	-	-	-	-	1.02
Single HAP (Hexane)	0.02	0.15	3.53	0.00	0.00	-	-	-	3.70
Combined HAPs	0.02	0.16	3.55	0.27	0.48	-	-	0.02	4.49

Controlled Emissions (Tons/Yr)									
Pollutant	Nat. Gas Combustion	Chassis Prep	Assembly	Touch-Up Paint	Final Finish	Cabinet & Molding	Misc. Machining	Welding	Total
PM	0.02	0.22	0.00	0.09	0.04	0.26	1.59	0.41	2.64
PM10	0.09	0.22	0.00	0.09	0.04	0.26	1.59	0.41	2.70
PM2.5	0.09	0.22	0.00	0.09	0.04	0.26	1.59	0.41	2.70
VOC	0.07	0.40	18.49	1.10	2.30	-	-	-	22.35
NOx	1.22	-	-	-	-	-	-	-	1.22
SO2	0.01	-	-	-	-	-	-	-	0.01
CO	1.02	-	-	-	-	-	-	-	1.02
Single HAP (Hexane)	0.02	0.15	3.53	0.00	0.00	-	-	-	3.70
Combined HAPs	0.02	0.16	3.55	0.27	0.48	-	-	0.02	4.49

Limited Emissions (Tons/Yr)									
Pollutant	Nat. Gas Combustion	Chassis Prep	Assembly	Touch-Up Paint	Final Finish	Cabinet & Molding	Misc. Machining	Welding	Total
PM	0.02	0.22	0.00	0.09	0.04	0.26	1.59	0.41	2.64
PM10	0.09	0.22	0.00	0.09	0.04	0.26	1.59	0.41	2.70
PM2.5	0.09	0.22	0.00	0.09	0.04	0.26	1.59	0.41	2.70
VOC	0.07	α				-	-	-	0.07
NOx	1.22	-	-	-	-	-	-	-	1.22
SO2	0.01	-	-	-	-	-	-	-	0.01
CO	1.02	-	-	-	-	-	-	-	1.02
Single HAP (Hexane)	0.02	β				-	-	-	0.02
Combined HAPs	0.02	0.16	3.55	0.27	0.48	-	-	0.02	4.49

Note:

α Combined source-wide VOC Emissions for Chassis Preparation Operations, Assembly Line Operations, Touch-Up Paint Operations, and Final Finish Operations are limited to less than 98.75 tons per twelve (12) consecutive month period.

β Combined source-wide single HAP emissions for Chassis Preparation Operations, Assembly Line Operations, Touch-Up Paint Operations and Final Finish Operations are limited to less than 9.74 tons per twelve (12) consecutive month period.

**Appendix A: Emission Calculations
Emissions Summary
Plant 3**

Page 4 of 14 TSD App A

Company Name: Heartland Recreational Vehicles, LLC
Permit Number: 039-33732-00621
Plt ID: 039-00621
Reviewer: Ghassan Shalabi
Date: 10/20/2013

Uncontrolled Emissions (Tons/Yr)				
Pollutant	Nat. Gas Combustion	Sm. Parts Lamination	Welding	Total
PM	0.03	-	0.49	0.52
PM10	0.13	-	0.49	0.62
PM2.5	0.13	-	0.49	0.62
VOC	0.09	0.00	-	0.09
NOx	1.68	-	-	1.68
SO2	0.01	-	-	0.01
CO	1.41	-	-	1.41
Single HAP (Hexane)	0.03	-	-	0.03
Combined HAPs	0.03	0.00	0.30	0.33

Controlled Emissions (Tons/Yr)				
Pollutant	Nat. Gas Combustion	Sm. Parts Lamination	Welding	Total
PM	0.03	-	0.49	0.52
PM10	0.13	-	0.49	0.62
PM2.5	0.13	-	0.49	0.62
VOC	0.09	0.00	-	0.09
NOx	1.68	-	-	1.68
SO2	0.01	-	-	0.01
CO	1.41	-	-	1.41
Single HAP (Hexane)	0.03	-	-	0.03
Combined HAPs	0.03	0.00	0.30	0.33

Limited Emissions (Tons/Yr)				
Pollutant	Nat. Gas Combustion	Sm. Parts Lamination	Welding	Total
PM	0.03	-	0.49	0.52
PM10	0.13	-	0.49	0.62
PM2.5	0.13	-	0.49	0.62
VOC	0.09	0.00	-	0.09
NOx	1.68	-	-	1.68
SO2	0.01	-	-	0.01
CO	1.41	-	-	1.41
Single HAP (Hexane)	0.03	-	-	0.03
Combined HAPs	0.03	0.00	0.30	0.33

Appendix A: Emission Calculations
Emissions Summary
Plants 7A / 7B

Page 5 of 14 TSD App A

Company Name: Heartland Recreational Vehicles, LLC
Permit Number: 039-33732-00621
Plt ID: 039-00621
Reviewer: Ghassan Shalabi
Date: 10/20/2013

Uncontrolled Emissions (Tons/Yr)									
Pollutant	Nat. Gas Combustion	Chassis Prep	Assembly	Touch-Up Paint	Final Finish	Cabinet & Molding	Misc. Machining	Welding	Total
PM	0.01	0.19	0.00	0.09	0.04	13.14	1.59	0.46	15.52
PM10	0.04	0.19	0.00	0.09	0.04	13.14	1.59	0.46	15.55
PM2.5	0.04	0.19	0.00	0.09	0.04	13.14	1.59	0.46	15.55
VOC	0.03	0.34	18.49	1.10	2.30	-	-	-	22.26
NOx	0.49	-	-	-	-	-	-	-	0.49
SO2	0.00	-	-	-	-	-	-	-	0.00
CO	0.41	-	-	-	-	-	-	-	0.41
Single HAP (Hexane)	0.01	0.13	3.53	0.00	0.00	-	-	-	3.67
Combined HAPs	0.01	0.14	3.55	0.27	0.48	-	-	0.02	4.46

Controlled Emissions (Tons/Yr)									
Pollutant	Nat. Gas Combustion	Chassis Prep	Assembly	Touch-Up Paint	Final Finish	Cabinet & Molding	Misc. Machining	Welding	Total
PM	0.01	0.19	0.00	0.09	0.04	0.26	1.59	0.46	2.65
PM10	0.04	0.19	0.00	0.09	0.04	0.26	1.59	0.46	2.67
PM2.5	0.04	0.19	0.00	0.09	0.04	0.26	1.59	0.46	2.67
VOC	0.03	0.34	18.49	1.10	2.30	-	-	-	22.26
NOx	0.49	-	-	-	-	-	-	-	0.49
SO2	0.00	-	-	-	-	-	-	-	0.00
CO	0.41	-	-	-	-	-	-	-	0.41
Single HAP (Hexane)	0.01	0.13	3.53	0.00	0.00	-	-	-	3.67
Combined HAPs	0.01	0.14	3.55	0.27	0.48	-	-	0.02	4.46

Limited Emissions (Tons/Yr)									
Pollutant	Nat. Gas Combustion	Chassis Prep	Assembly	Touch-Up Paint	Final Finish	Cabinet & Molding	Misc. Machining	Welding	Total
PM	0.01	0.19	0.00	0.09	0.04	0.26	1.59	0.46	2.65
PM10	0.04	0.19	0.00	0.09	0.04	0.26	1.59	0.46	2.67
PM2.5	0.04	0.19	0.00	0.09	0.04	0.26	1.59	0.46	2.67
VOC	0.03	α				-	-	-	0.03
NOx	0.49	-	-	-	-	-	-	-	0.49
SO2	0.00	-	-	-	-	-	-	-	0.00
CO	0.41	-	-	-	-	-	-	-	0.41
Single HAP (Hexane)	0.01	β				-	-	-	0.01
Combined HAPs	0.01	0.14	3.55	0.27	0.48	-	-	0.02	4.46

Note:

α Combined source-wide VOC Emissions for Chassis Preparation Operations, Assembly Line Operations, Touch-Up Paint Operations, and Final Finish Operations are limited to less than 98.75 tons per twelve (12) consecutive month period.

β Combined source-wide single HAP emissions for Chassis Preparation Operations, Assembly Line Operations, Touch-Up Paint Operations and Final Finish Operations are limited to less than 9.74 tons per twelve (12) consecutive month period.

Appendix A: Emission Calculations
Emissions Summary
Plant 11

Page 6 of 14 TSD App A

Company Name: Heartland Recreational Vehicles, LLC
Permit Number: 039-33732-00621
Plt ID: 039-00621
Reviewer: Ghassan Shalabi
Date: 10/20/2013

Uncontrolled Emissions (Tons/Yr)				
Pollutant	Nat. Gas Combustion	Sidewall Lamination	Welding	Total
PM	0.01	-	0.74	0.75
PM10	0.04	-	0.74	0.78
PM2.5	0.04	-	0.74	0.78
VOC	0.03	0.00	-	0.03
NOx	0.53	-	-	0.53
SO2	0.00	-	-	0.00
CO	0.44	-	-	0.44
Single HAP (Hexane)	0.01	-	-	0.01
Combined HAPs	0.01	0.00	0.45	0.46

Controlled Emissions (Tons/Yr)				
Pollutant	Nat. Gas Combustion	Sidewall Lamination	Welding	Total
PM	0.01	-	0.74	0.75
PM10	0.04	-	0.74	0.78
PM2.5	0.04	-	0.74	0.78
VOC	0.03	0.00	-	0.03
NOx	0.53	-	-	0.53
SO2	0.00	-	-	0.00
CO	0.44	-	-	0.44
Single HAP (Hexane)	0.01	-	-	0.01
Combined HAPs	0.01	0.00	0.45	0.46

Limited Emissions (Tons/Yr)				
Pollutant	Nat. Gas Combustion	Sidewall Lamination	Welding	Total
PM	0.01	-	0.74	0.75
PM10	0.04	-	0.74	0.78
PM2.5	0.04	-	0.74	0.78
VOC	0.03	0.00	-	0.03
NOx	0.53	-	-	0.53
SO2	0.00	-	-	0.00
CO	0.44	-	-	0.44
Single HAP (Hexane)	0.01	-	-	0.01
Combined HAPs	0.01	0.00	0.45	0.46

Appendix A: Emission Calculations
Emissions Summary
Plant 12

Page 7 of 14 TSD App A

Company Name: Heartland Recreational Vehicles, LLC
Permit Number: 039-33732-00621
Plt ID: 039-00621
Reviewer: Ghassan Shalabi
Date: 10/20/2013

Uncontrolled Emissions (Tons/Yr)				
Pollutant	Nat. Gas Combustion	Cabinet & Molding	Sanding	Total
PM	0.01	91.60	0.16	91.77
PM10	0.03	91.60	0.16	91.79
PM2.5	0.03	91.60	0.16	91.79
VOC	0.02	-	-	0.02
NOx	0.37	-	-	0.37
SO2	0.00	-	-	0.00
CO	0.31	-	-	0.31
Single HAP (Hexane)	0.01	-	-	0.01
Combined HAPs	0.01	-	-	0.01

Controlled Emissions (Tons/Yr)				
Pollutant	Nat. Gas Combustion	Cabinet & Molding	Sanding	Total
PM	0.01	1.29	0.16	1.46
PM10	0.03	1.29	0.16	1.48
PM2.5	0.03	1.29	0.16	1.48
VOC	0.02	-	-	0.02
NOx	0.37	-	-	0.37
SO2	0.00	-	-	0.00
CO	0.31	-	-	0.31
Single HAP (Hexane)	0.01	-	-	0.01
Combined HAPs	0.01	-	-	0.01

Limited Emissions (Tons/Yr)				
Pollutant	Nat. Gas Combustion	Cabinet & Molding	Sanding	Total
PM	0.01	1.29	0.16	1.46
PM10	0.03	1.29	0.16	1.48
PM2.5	0.03	1.29	0.16	1.48
VOC	0.02	-	-	0.02
NOx	0.37	-	-	0.37
SO2	0.00	-	-	0.00
CO	0.31	-	-	0.31
Single HAP (Hexane)	0.01	-	-	0.01
Combined HAPs	0.01	-	-	0.01

Plant 14
Natural Gas Combustion Only
2 Forced Air Furnaces (0.08 MMBtu/hr each), 2 Forced Air Furnaces (0.14 MMBtu/hr each) and 1 Thermo Cyclor (0.4 MMBtu/hr)

Company Name: Heartland Recreational Vehicles, LLC
Permit Number: 039-33732-00621
Plt ID: 039-00621
Reviewer: Ghassan Shalabi
Date: 10/20/2013

Heat Input Capacity MMBtu/hr	HHV mmBtu mmscf	Potential Throughput MMCF/yr
0.8	1020	7.2

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	0.007	0.027	0.027	0.002	0.361	0.020	0.303

*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

HAPs - Organics						
Emission Factor in lb/MMcf	Benzene 2.1E-03	Dichlorobenzene 1.2E-03	Formaldehyde 7.5E-02	Hexane 1.8E+00	Toluene 3.4E-03	Total - Organics
Potential Emission in tons/yr	7.575E-06	4.328E-06	2.705E-04	6.493E-03	1.226E-05	6.787E-03

HAPs - Metals						
Emission Factor in lb/MMcf	Lead 5.0E-04	Cadmium 1.1E-03	Chromium 1.4E-03	Manganese 3.8E-04	Nickel 2.1E-03	Total - Metals
Potential Emission in tons/yr	1.804E-06	3.968E-06	5.050E-06	1.371E-06	7.575E-06	1.977E-05
					Total HAPs	6.807E-03
					Worst HAP	6.493E-03

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

Greenhouse Gas			
Emission Factor in lb/MMcf	CO2 120,000	CH4 2.3	N2O 2.2
Potential Emission in tons/yr	433	0.0	0.0
Summed Potential Emissions in tons/yr	433		
CO2e Total in tons/yr	435		

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

Appendix A: Emission Calculations
Emissions Summary
Plant 16

Page 9 of 14 TSD App A

Company Name: Heartland Recreational Vehicles, LLC
Permit Number: 039-33732-00621
Plt ID: 039-00621
Reviewer: Ghassan Shalabi
Date: 10/20/2013

Uncontrolled Emissions (Tons/Yr)									
Pollutant	Nat. Gas Combustion	Chassis Prep	Assembly	Touch-Up Paint	Final Finish	Cabinet & Molding	Misc. Machining	Welding	Total
PM	0.01	0.08	0.00	0.04	0.01	15.77	1.83	0.41	18.15
PM10	0.06	0.08	0.00	0.04	0.01	15.77	1.83	0.41	18.19
PM2.5	0.06	0.08	0.00	0.04	0.01	15.77	1.83	0.41	18.19
VOC	0.04	0.14	7.40	0.44	0.92	-	-	-	8.94
NOx	0.78	-	-	-	-	-	-	-	0.78
SO2	0.00	-	-	-	-	-	-	-	0.00
CO	0.65	-	-	-	-	-	-	-	0.65
Single HAP (Hexane)	0.01	0.05	1.41	0.00	0.00	-	-	-	1.48
Combined HAPs	0.01	0.06	1.42	0.11	0.19	-	-	0.02	1.80

Controlled Emissions (Tons/Yr)									
Pollutant	Nat. Gas Combustion	Chassis Prep	Assembly	Touch-Up Paint	Final Finish	Cabinet & Molding	Misc. Machining	Welding	Total
PM	0.01	0.08	0.00	0.04	0.01	0.32	1.83	0.41	2.69
PM10	0.06	0.08	0.00	0.04	0.01	0.32	1.83	0.41	2.74
PM2.5	0.06	0.08	0.00	0.04	0.01	0.32	1.83	0.41	2.74
VOC	0.04	0.14	7.40	0.44	0.92	-	-	-	8.94
NOx	0.78	-	-	-	-	-	-	-	0.78
SO2	0.00	-	-	-	-	-	-	-	0.00
CO	0.65	-	-	-	-	-	-	-	0.65
Single HAP (Hexane)	0.01	0.05	1.41	0.00	0.00	-	-	-	1.48
Combined HAPs	0.01	0.06	1.42	0.11	0.19	-	-	0.02	1.80

Limited Emissions (Tons/Yr)									
Pollutant	Nat. Gas Combustion	Chassis Prep	Assembly	Touch-Up Paint	Final Finish	Cabinet & Molding	Misc. Machining	Welding	Total
PM	0.01	0.08	0.00	0.04	0.01	0.32	1.83	0.41	2.69
PM10	0.06	0.08	0.00	0.04	0.01	0.32	1.83	0.41	2.74
PM2.5	0.06	0.08	0.00	0.04	0.01	0.32	1.83	0.41	2.74
VOC	0.04	α				-	-	-	0.04
NOx	0.78	-	-	-	-	-	-	-	0.78
SO2	0.00	-	-	-	-	-	-	-	0.00
CO	0.65	-	-	-	-	-	-	-	0.65
Single HAP (Hexane)	0.01	β				-	-	-	0.01
Combined HAPs	0.01	0.06	1.42	0.11	0.19	-	-	0.02	1.80

Note:

α Combined source-wide VOC Emissions for Chassis Preparation Operations, Assembly Line Operations, Touch-Up Paint Operations, and Final Finish Operations are limited to less than 98.75 tons per twelve (12) consecutive month period.

β Combined source-wide single HAP emissions for Chassis Preparation Operations, Assembly Line Operations, Touch-Up Paint Operations, and Final Finish Operations are limited to less than 9.74 tons per twelve (12) consecutive month period.

Appendix A: Emission Calculations
Emissions Summary
Plant 17 / 18

Page 10 of 14 TSD App A

Company Name: Heartland Recreational Vehicles, LLC
Permit Number: 039-33732-00621
Plt ID: 039-00621
Reviewer: Ghassan Shalabi
Date: 10/20/2013

Uncontrolled Emissions (Tons/Yr)								
Pollutant	Nat. Gas Combustion	Chassis Prep	Assembly	Touch-Up Paint	Final Finish	Misc. Machining	Welding	Total
PM	0.00	0.08	0.00	0.04	0.01	1.05	0.02	1.21
PM10	0.02	0.08	0.00	0.04	0.01	1.05	0.02	1.22
PM2.5	0.02	0.08	0.00	0.04	0.01	1.05	0.02	1.22
VOC	0.01	0.14	7.40	0.44	0.92	-	-	8.91
NOx	0.26	-	-	-	-	-	-	0.26
SO2	0.00	-	-	-	-	-	-	0.00
CO	0.22	-	-	-	-	-	-	0.22
Single HAP (Hexane)	0.00	0.05	1.41	0.00	0.00	-	-	1.47
Combined HAPs	0.00	0.06	1.42	0.11	0.19	-	0.01	1.79

Controlled Emissions (Tons/Yr)								
Pollutant	Nat. Gas Combustion	Chassis Prep	Assembly	Touch-Up Paint	Final Finish	Misc. Machining	Welding	Total
PM	0.00	0.08	0.00	0.04	0.01	1.05	0.02	1.21
PM10	0.02	0.08	0.00	0.04	0.01	1.05	0.02	1.22
PM2.5	0.02	0.08	0.00	0.04	0.01	1.05	0.02	1.22
VOC	0.01	0.14	7.40	0.44	0.92	-	-	8.91
NOx	0.26	-	-	-	-	-	-	0.26
SO2	0.00	-	-	-	-	-	-	0.00
CO	0.22	-	-	-	-	-	-	0.22
Single HAP (Hexane)	0.00	0.05	1.41	0.00	0.00	-	-	1.47
Combined HAPs	0.00	0.06	1.42	0.11	0.19	-	0.01	1.79

Limited Emissions (Tons/Yr)								
Pollutant	Nat. Gas Combustion	Chassis Prep	Assembly	Touch-Up Paint	Final Finish	Misc. Machining	Welding	Total
PM	0.00	0.08	0.00	0.04	0.01	1.05	0.02	1.21
PM10	0.02	0.08	0.00	0.04	0.01	1.05	0.02	1.22
PM2.5	0.02	0.08	0.00	0.04	0.01	1.05	0.02	1.22
VOC	0.01	α				-	-	0.01
NOx	0.26	-	-	-	-	-	-	0.26
SO2	0.00	-	-	-	-	-	-	0.00
CO	0.22	-	-	-	-	-	-	0.22
Single HAP (Hexane)	0.00	β				-	-	0.00
Combined HAPs	0.00	0.06	1.42	0.11	0.19	-	0.01	1.79

Note:

α Combined source-wide VOC Emissions for Chassis Preparation Operations, Assembly Line Operations, Touch-Up Paint Operations, and Final Finish Operations are limited to less than 98.75 tons per twelve (12) consecutive month period.

β Combined source-wide single HAP emissions for Chassis Preparation Operations, Assembly Line Operations, Touch-Up Paint Operations and Final Finish Operations are limited to less than 9.74 tons per twelve (12) consecutive month period.

Appendix A: Emission Calculations
Emissions Summary
Plant 19

Page 11 of 14 TSD App A

Company Name: Heartland Recreational Vehicles, LLC
Permit Number: 039-33732-00621
Plt ID: 039-00621
Reviewer: Ghassan Shalabi
Date: 10/20/2013

Uncontrolled Emissions (Tons/Yr)				
Pollutant	Nat. Gas Combustion	Sm. Parts Lamination	Welding	Total
PM	0.03	-	1.35	1.38
PM10	0.13	-	1.35	1.48
PM2.5	0.13	-	1.35	1.48
VOC	0.09	0.00	-	0.09
NOx	1.66	-	-	1.66
SO2	0.01	-	-	0.01
CO	1.40	-	-	1.40
Single HAP (Hexane)	0.03	-	-	0.03
Combined HAPs	0.03	0.00	0.83	0.86

Controlled Emissions (Tons/Yr)				
Pollutant	Nat. Gas Combustion	Sm. Parts Lamination	Welding	Total
PM	0.03	-	1.35	1.38
PM10	0.13	-	1.35	1.48
PM2.5	0.13	-	1.35	1.48
VOC	0.09	0.00	-	0.09
NOx	1.66	-	-	1.66
SO2	0.01	-	-	0.01
CO	1.40	-	-	1.40
Single HAP (Hexane)	0.03	-	-	0.03
Combined HAPs	0.03	0.00	0.83	0.86

Limited Emissions (Tons/Yr)				
Pollutant	Nat. Gas Combustion	Sm. Parts Lamination	Welding	Total
PM	0.03	-	1.35	1.38
PM10	0.13	-	1.35	1.48
PM2.5	0.13	-	1.35	1.48
VOC	0.09	0.00	-	0.09
NOx	1.66	-	-	1.66
SO2	0.01	-	-	0.01
CO	1.40	-	-	1.40
Single HAP (Hexane)	0.03	-	-	0.03
Combined HAPs	0.03	0.00	0.83	0.86

Appendix A: Emission Calculations
Emissions Summary
Plants 21, 22, and 23

Page 12 of 14 TSD App A

Company Name: Heartland Recreational Vehicles, LLC
Permit Number: 039-33732-00621
Plt ID: 039-00621
Reviewer: Ghassan Shalabi
Date: 10/10/2013

Uncontrolled Emissions (Tons/Yr)									
Pollutant	Nat. Gas Combustion	Chassis Prep	Assembly	Touch-Up Paint	Final Finish	Cabinet & Molding	Misc. Machining	Welding	Total
PM	0.01	0.11	0.00	0.06	0.02	17.46	1.57	0.43	19.66
PM10	0.04	0.11	0.00	0.06	0.02	17.46	1.57	0.43	19.68
PM2.5	0.04	0.11	0.00	0.06	0.02	17.46	1.57	0.43	19.68
VOC	0.03	0.21	11.09	0.66	1.38	-	-	-	13.37
NOx	0.50	-	-	-	-	-	-	-	0.50
SO2	0.00	-	-	-	-	-	-	-	0.00
CO	0.42	-	-	-	-	-	-	-	0.42
Single HAP (Hexane)	0.01	0.08	2.12	0.00	0.00	-	-	-	2.20
Combined HAPs	0.01	0.08	2.13	0.16	0.29	-	-	0.03	2.70

Controlled Emissions (Tons/Yr)									
Pollutant	Nat. Gas Combustion	Chassis Prep	Assembly	Touch-Up Paint	Final Finish	Cabinet & Molding	Misc. Machining	Welding	Total
PM	0.01	0.11	0.00	0.06	0.02	0.35	1.57	0.43	2.55
PM10	0.04	0.11	0.00	0.06	0.02	0.35	1.57	0.43	2.58
PM2.5	0.04	0.11	0.00	0.06	0.02	0.35	1.57	0.43	2.58
VOC	0.03	0.21	11.09	0.66	1.38	-	-	-	13.37
NOx	0.50	-	-	-	-	-	-	-	0.50
SO2	0.00	-	-	-	-	-	-	-	0.00
CO	0.42	-	-	-	-	-	-	-	0.42
Single HAP (Hexane)	0.01	0.08	2.12	0.00	0.00	-	-	-	2.20
Combined HAPs	0.01	0.08	2.13	0.16	0.29	-	-	0.03	2.70

Limited Emissions (Tons/Yr)									
Pollutant	Nat. Gas Combustion	Chassis Prep	Assembly	Touch-Up Paint	Final Finish	Cabinet & Molding	Misc. Machining	Welding	Total
PM	0.01	0.11	0.00	0.06	0.02	0.35	1.57	0.43	2.55
PM10	0.04	0.11	0.00	0.06	0.02	0.35	1.57	0.43	2.58
PM2.5	0.04	0.11	0.00	0.06	0.02	0.35	1.57	0.43	2.58
VOC	0.03	α				-	-	-	0.03
NOx	0.50	-	-	-	-	-	-	-	0.50
SO2	0.00	-	-	-	-	-	-	-	0.00
CO	0.42	-	-	-	-	-	-	-	0.42
Single HAP (Hexane)	0.01	β				-	-	-	0.01
Combined HAPs	0.01	0.08	2.13	0.16	0.29	-	-	0.03	2.70

Note:

α Combined source-wide VOC Emissions for Chassis Preparation Operations, Assembly Line Operations, Touch-Up Paint Operations, and Final Finish Operations are limited to less than 98.75 tons per twelve (12) consecutive month period.

β Combined source-wide single HAP emissions for Chassis Preparation Operations, Assembly Line Operations, Touch-Up Paint Operations and Final Finish Operations are limited to less than 9.74 tons per twelve (12) consecutive month period.

Appendix A: Emission Calculations
Emissions Summary
Plant 69A / 69B

Page 13 of 14 TSD App A

Company Name: Heartland Recreational Vehicles, LLC
Permit Number: 039-33732-00621
Plt ID: 039-00621
Reviewer: Ghassan Shalabi
Date: 10/10/2013

Uncontrolled Emissions (Tons/Yr)								
Pollutant	Nat. Gas Combustion	Chassis Prep	Assembly	Touch-Up Paint	Final Finish	Cabinet & Molding	Misc. Machining	Total
PM	0.02	0.31	0.00	0.15	0.06	17.46	4.50	22.49
PM10	0.09	0.31	0.00	0.15	0.06	17.46	4.50	22.56
PM2.5	0.09	0.31	0.00	0.15	0.06	17.46	4.50	22.56
VOC	0.06	0.55	29.58	1.75	3.69	-	-	35.64
NOx	1.17	-	-	-	-	-	-	1.17
SO2	0.01	-	-	-	-	-	-	0.01
CO	0.99	-	-	-	-	-	-	0.99
Single HAP (Hexane)	0.02	0.20	5.65	0.00	0.00	-	-	5.88
Combined HAPs	0.02	0.22	5.67	0.43	0.77	-	-	7.11

Controlled Emissions (Tons/Yr)								
Pollutant	Nat. Gas Combustion	Chassis Prep	Assembly	Touch-Up Paint	Final Finish	Cabinet & Molding	Misc. Machining	Total
PM	0.02	0.31	0.00	0.15	0.06	0.35	4.50	5.38
PM10	0.09	0.31	0.00	0.15	0.06	0.35	4.50	5.45
PM2.5	0.09	0.31	0.00	0.15	0.06	0.35	4.50	5.45
VOC	0.06	0.55	29.58	1.75	3.69	-	-	35.64
NOx	1.17	-	-	-	-	-	-	1.17
SO2	0.01	-	-	-	-	-	-	0.01
CO	0.99	-	-	-	-	-	-	0.99
Single HAP (Hexane)	0.02	0.20	5.65	0.00	0.00	-	-	5.88
Combined HAPs	0.02	0.22	5.67	0.43	0.77	-	-	7.11

Limited Emissions (Tons/Yr)								
Pollutant	Nat. Gas Combustion	Chassis Prep	Assembly	Touch-Up Paint	Final Finish	Cabinet & Molding	Misc. Machining	Total
PM	0.02	0.31	0.00	0.15	0.06	0.35	4.50	5.38
PM10	0.09	0.31	0.00	0.15	0.06	0.35	4.50	5.45
PM2.5	0.09	0.31	0.00	0.15	0.06	0.35	4.50	5.45
VOC	0.06	α				-	-	0.06
NOx	1.17	-	-	-	-	-	-	1.17
SO2	0.01	-	-	-	-	-	-	0.01
CO	0.99	-	-	-	-	-	-	0.99
Single HAP (Hexane)	0.02	β				-	-	0.02
Combined HAPs	0.02	0.22	5.67	0.43	0.77	-	-	7.11

Note:

α Combined source-wide VOC Emissions for Chassis Preparation Operations, Assembly Line Operations, Touch-Up Paint Operations, and Final Finish Operations are limited to less than 98.75 tons per twelve (12) consecutive month period.

β Combined source-wide single HAP emissions for Chassis Preparation Operations, Assembly Line Operations, Touch-Up Paint Operations and Final Finish Operations are limited to less than 9.74 tons per twelve (12) consecutive month period.

Appendix A: Emission Calculations
Particulate Emissions from CNC Router (CNC3)

Page 14 of 14 TSD App A

Company Name: Heartland Recreational Vehicles, LLC
Permit Number: 039-33732-00621
Plt ID: 039-00621
Reviewer: Ghassan Shalabi
Date: 10/10/2013

Control ID	Airflow (acfm)	Grain Loading (gr/acfm)	Air to Cloth Ratio Air Flow (acfm/ft²)	Total Filter Area (ft²)	Control Efficiency (%)	Potential Emissions Before Control		Potential Emissions After Control	
						(lb/hr)	(tons/yr)	(lb/hr)	(tons/yr)
14DC-05	5,000	0.002	10.9	460.00	99.00%	8.57	37.54	0.09	0.38

Note:

Assumed PM = PM10 = PM2.5

Methodology:

Uncontrolled Potential Emission(tons/yr) = [No. Units * Loading (grains/acf) * Air/Cloth Ratio (acfm/ft²) * Filter Area (ft²) * 1 lb/7,000 grains * 60 min/hr * 8760 hr/yr * 1 ton/2,000 lbs * 1/(1-Control Efficiency)]

Controlled Potential Emission (tons/yr) = [No. Units * Loading (grains/acf) * Air/Cloth Ratio (acfm/ft²) * Filter Area (ft²) * 1 lb/7,000 grains * 60 min/hr * 8760 hr/yr * 1 ton/2,000 lbs]



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

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

TO: Larry York
Heartland Recreational Vehicles, LLC
1001 All Pro Drive
Elkhart, IN 46514

DATE: November 22, 2013

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

SUBJECT: Final Decision
Administrative Amendment to a Federally Enforceable State Operating Permit
039-33732-00621

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


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

A copy of the final decision and supporting materials has also been sent via standard mail to:
Dennis Donat, VP of Finance
Doug Elliott, D & B Environmental Services
OAQ Permits Branch Interested Parties List

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

Final Applicant Cover letter.dot 6/13/2013

Mail Code 61-53

IDEM Staff	VHAUN 11/22/2013 Heartland Recreational Vehicle, LLC - Plant #2 039-33732-00621 FINAL			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	Type of Mail: CERTIFICATE OF MAILING ONLY	

Line	Article Number	Name, Address, Street and Post Office Address	Postage	Handling Charges	Act. Value (If Registered)	Insured Value	Due Send if COD	R.R. Fee	S.D. Fee	S.H. Fee	Rest. Del. Fee
											Remarks
1		Larry York Heartland Recreational Vehicle, LLC - Plant #2 1001 All Pro Drive Elkhart IN 46514 (Source CAATS)			Confirmed Delivery						
2		Dennis Donat VP Of Finance Heartland Recreational Vehicle, LLC - Plant #2 1001 All Pro Drive Elkhart IN 46514 (RO CAATS)									
3		Elkhart City Council and Mayors Office 229 South Second Street Elkhart IN 46516 (Local Official)									
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 5	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.
---	--	--	--