



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

Date: November 26, 2014

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

Source Name: Vibracoustics North America, L.P.

Permit Level: Minor Source Operating Permit (MSOP) Administrative Amendment

Permit Number: 113-35077-00080

Source Location: 1496 Gerber Street
Ligonier, Indiana

Type of Action Taken: Modification at an existing source
Revisions to permit requirements
Changes that are administrative in nature

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 matter referenced above. Pursuant to 326 IAC 2, this approval was effective immediately upon submittal of the application.

The final decision is available on the IDEM website at: <http://www.in.gov/apps/idem/caats/>
To view the document, select Search option 3, then enter permit 35077.

If you would like to request a paper copy of the permit document, please contact IDEM's central file room:

Indiana Government Center North, Room 1201
100 North Senate Avenue, MC 50-07
Indianapolis, IN 46204
Phone: 1-800-451-6027 (ext. 4-0965)
Fax (317) 232-8659

(continues on next page)

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.



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November 26, 2014

Tori Patterson
Vibracoustics North America, L.P.
1496 Gerber Street
Ligonier, Indiana 46767

Re: 113-35077-00080
Administrative Amendment to
M113-28237-00080

Dear Mr. Patterson:

Vibracoustics North America, L.P. was issued a Minor Source Operating Permit (MSOP) Renewal No. M113-28237-00080 on December 14, 2009 for a stationary automobile parts production plant for machining and surface coating of auto parts operation located at 1496 Gerber Street, Ligonier, Indiana 46767. On October 24, 2014, the Office of Air Quality (OAQ) received an application from the source requesting to change the source's name, construct new units, and remove existing units.

Pursuant to the provisions of 326 IAC 2-6.1-6, these changes to the permit are required to be reviewed in accordance with the Administrative Amendment procedures of 326 IAC 2-6.1-6(d). Pursuant to the provisions of 326 IAC 2-6.1-6, an Administrative Amendment to this permit is hereby approved as described in the attached Technical Support Document (TSD).

All other conditions of the permit shall remain unchanged and in effect. Please find attached the entire MSOP as amended.

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 Permit Guide on the Internet at: <http://www.in.gov/idem/5881.htm>; and the Citizens' Guide to IDEM on the Internet at: <http://www.in.gov/idem/6900.htm>.

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 Ryan Graunke of my staff at 317-234-5374 or 1-800-451-6027, and ask for extension 4-5374.

Sincerely,

Iryn Calilung, Section Chief
Permits Branch
Office of Air Quality

Attachments: Updated Permit, Technical Support, Document, and Appendix A

IC/REG

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



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Commissioner

Minor Source Operating Permit Renewal OFFICE OF AIR QUALITY

Vibracoustics North America, L.P.
1496 Gerber Street
Ligonier, Indiana 46767

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

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

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

Operation Permit No.: M113-28237-00080	
Issued by: Original Signed Iryn Calilung, Section Chief Permits Branch Office of Air Quality	Issuance Date: December 14, 2009 Expiration Date: December 14, 2019

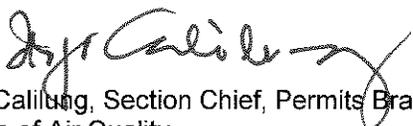
Administrative Amendment No.: 113-35077-00080	
Issued by:  Iryn Calilung, Section Chief, Permits Branch Office of Air Quality	Issuance Date: November 26, 2014 Expiration Date: December 14, 2019

TABLE OF CONTENTS

SECTION A	SOURCE SUMMARY	4
A.1	General Information [326 IAC 2-5.1-3(c)][326 IAC 2-6.1-4(a)]	4
A.2	Emission Units and Pollution Control Equipment Summary	4
SECTION B	GENERAL CONDITIONS	7
B.1	Definitions [326 IAC 2-1.1-1]	7
B.2	Permit Term [326 IAC 2-6.1-7(a)] [326 IAC 2-1.1-9.5] [IC 13-15-3-6(a)]	7
B.3	Term of Conditions [326 IAC 2-1.1-9.5]	7
B.4	Enforceability	7
B.5	Severability	7
B.6	Property Rights or Exclusive Privilege	7
B.7	Duty to Provide Information	7
B.8	Annual Notification [326 IAC 2-6.1-5(a)(5)]	8
B.9	Preventive Maintenance Plan [326 IAC 1-6-3]	8
B.10	Prior Permits Superseded [326 IAC 2-1.1-9.5]	9
B.11	Termination of Right to Operate [326 IAC 2-6.1-7(a)]	9
B.12	Permit Renewal [326 IAC 2-6.1-7]	9
B.13	Permit Amendment or Revision [326 IAC 2-5.1-3(e)(3)] [326 IAC 2-6.1-6]	10
B.14	Source Modification Requirement	10
B.15	Inspection and Entry [326 IAC 2-5.1-3(e)(4)(B)] [326 IAC 2-6.1-5(a)(4)] [IC 13-14-2-2] [IC 13-17-3-2] [IC 13-30-3-1]	10
B.16	Transfer of Ownership or Operational Control [326 IAC 2-6.1-6]	11
B.17	Annual Fee Payment [326 IAC 2-1.1-7]	11
B.18	Credible Evidence [326 IAC 1-1-6]	11
SECTION C	SOURCE OPERATION CONDITIONS	12
	Emission Limitations and Standards [326 IAC 2-6.1-5(a)(1)]	12
C.1	Particulate Emission Limitations For Processes with Process Weight Rates Less Than One Hundred (100) Pounds per Hour [326 IAC 6-3-2]	12
C.2	Permit Revocation [326 IAC 2-1.1-9]	12
C.3	Opacity [326 IAC 5-1]	12
C.4	Open Burning [326 IAC 4-1] [IC 13-17-9]	12
C.5	Incineration [326 IAC 4-2] [326 IAC 9-1-2]	12
C.6	Fugitive Dust Emissions [326 IAC 6-4]	13
C.7	Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61, Subpart M]	13
	Testing Requirements [326 IAC 2-6.1-5(a)(2)]	14
C.8	Performance Testing [326 IAC 3-6]	14
	Compliance Requirements [326 IAC 2-1.1-11]	14
C.9	Compliance Requirements [326 IAC 2-1.1-11]	14
	Compliance Monitoring Requirements [326 IAC 2-6.1-5(a)(2)]	15
C.10	Compliance Monitoring [326 IAC 2-1.1-11]	15
C.11	Instrument Specifications [326 IAC 2-1.1-11]	15
	Corrective Actions and Response Steps	15
C.12	Response to Excursions or Exceedances	15
C.13	Actions Related to Noncompliance Demonstrated by a Stack Test	16
	Record Keeping and Reporting Requirements [326 IAC 2-6.1-5(a)(2)]	16
C.14	Malfunctions Report [326 IAC 1-6-2]	16
C.15	General Record Keeping Requirements [326 IAC 2-6.1-5]	16
C.16	General Reporting Requirements [326 IAC 2-1.1-11] [326 IAC 2-6.1-2] [IC 13-14-1-13]	17

SECTION D.1 EMISSIONS UNIT OPERATION CONDITIONS.....	18
Emission Limitations and Standards [326 IAC 2-6.1-5(a)(1)]	19
D.1.1 Volatile Organic Compounds (VOC) [326 IAC 8-3-2]	20
D.1.2 Material requirements for cold cleaner degreasers [326 IAC 8-3-8]	20
D.1.3 Particulate [326 IAC 6-3-2(d)].....	21
D.1.4 Preventive Maintenance Plan [326 IAC 1-6-3]	21
Compliance Determination Requirements.....	21
D.1.5 Particulate Matter (PM).....	21
D.1.6 Training Requirements	21
Record Keeping and Reporting Requirements [326 IAC 2-5.1-3(e)(2)] [326 IAC 2-6.1-5(a)(2)]	21
D.1.7 Record Keeping Requirements	21
SECTION D.2 FACILITY OPERATION CONDITIONS	23
Emission Limitations and Standards	23
D.2.1 Particulate Emission Limitations For Processes with Process Weight Rates Less Than One Hundred (100) pounds per hour [326 IAC 6-3-2]	23
Compliance Determination Requirement.....	23
D.2.2 Particulate Control	23
ANNUAL NOTIFICATION	24
MALFUNCTION REPORT.....	25

SECTION A

SOURCE SUMMARY

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

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

The Permittee owns and operates a stationary automobile parts production plant for machining and surface coating of auto parts operation.

Source Address:	1496 Gerber Street, Ligonier, Indiana 46767
General Source Phone Number:	(260) 894-7199
SIC Code:	3499 (Fabricated Metal Products, Not Elsewhere Classified)
County Location:	Noble
Source Location Status:	Attainment for all criteria pollutants
Source Status:	Minor Source Operating Permit Program Minor Source, under PSD and Emission Offset Rules Minor Source, Section 112 of the Clean Air Act Not 1 of 28 Source Categories

A.2 Emission Units and Pollution Control Equipment Summary

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

- (a) One (1) spray booth, identified as P-1, constructed in 1989, with a maximum capacity of 100 units per hour, using dry filters as particulate matter control, and exhausting to stack S-15.
- (b) One (1) spray booth, identified as P-2, constructed in 1989, with a maximum capacity of 105 machined metal parts per hour, using dry filters as control, and exhausting to stack S-8.
- (c) One (1) spray shadow booth, identified as P-3, constructed in 1989, with a maximum capacity of 92 units per hour, and exhausting to stack S-17.
- (d) One (1) spray final booth, identified as P-4, constructed in 1989, with a maximum capacity of 92 units per hour, using dry filters as particulate matter control, and exhausting to stack S-18.
- (e) One (1) spray shadow booth, identified as P-5, constructed in 1989, with a maximum capacity of 92 units per hour, and exhausting to stack S-19.
- (f) One (1) spray final booth, identified as P-6, constructed in 1989, with a maximum capacity of 92 units per hour, using dry filters as particulate matter control, and exhausting to stack S-20.
- (g) One (1) spray booth, identified as P-7, constructed in 1989, with a maximum capacity of 100 units per hour, using dry filters as particulate matter control, and exhausting to stack S-14.
- (h) One (1) spray booth, identified as P-8, constructed in 1989, with a maximum capacity of 60 units per hour, and exhausting to stack S-16.

- (i) One spray booth, identified as P-9, constructed in 1989, with a maximum capacity of 225 units per hour, and exhausting to stack S-6.
- (j) One (1) spray booth, identified as P-10, approved in 2014 for construction, using (1) HVLP spray gun for the surface coating of metal parts, with a maximum capacity of 225 parts per hour, using dry filters for particulate control, and exhausting outdoors.
- (k) One (1) brush coater or timing mark station, identified as BC-1, constructed in 1989, with a maximum capacity of 100 units per hour, and exhausting to the atmosphere.
- (l) One (1) brush coater or timing mark station, identified as BC-2, constructed in 1989, with a maximum capacity of 92 units per hour, and exhausting to the atmosphere.
- (m) One (1) brush coater or timing mark station, identified as BC-3, constructed in 1989, with a maximum capacity of 92 units per hour, and exhausting to the atmosphere.
- (n) One (1) brush coater or timing mark station, identified as BC-4, constructed in 1989, with a maximum capacity of 60 units per hour, and exhausting to the atmosphere.
- (o) One (1) adhesive roll coater, identified as AR-1, constructed in 1989, with a maximum capacity of 105 machined metal parts per hour, and exhausting to stack S-9.
- (p) One (1) adhesive roll coater, identified as AR-2, constructed in 2007, with a maximum capacity of 75 machined metal parts per hour, and exhausting to general ventilation.
- (q) One (1) adhesive roll coater, identified as AR-3, constructed in 2007, with a maximum capacity of 85 machined metal parts per hour, and exhausting to general ventilation.
- (r) One (1) rust inhibitor, identified as RI-1, constructed in 2007, with a maximum capacity of 75 machined metal parts per hour, exhausting to general ventilation.
- (s) One (1) rust inhibitor, identified as RI-2, constructed in 2007, with a maximum capacity of 85 machined metal parts per hour, exhausting to general ventilation.
- (t) One (1) paint booth, identified as PB-1, constructed in 2007, with a maximum capacity of 85 machined metal parts per hour, using dry filters as particulate matter control, and exhausting to general ventilation.
- (u) One (1) NMP washer, identified as N-1, constructed in 1989, with a maximum capacity of 105 machined metal parts per hour, exhausting to general ventilation.
- (v) One (1) NMP washer, identified as N-2, constructed in 2007, with a maximum capacity of 75 machined metal parts per hour, and exhausting to stack S-7.
- (w) One (1) NMP washer, identified as N-3, constructed in 2007, with a maximum capacity of 85 machined metal parts per hour, and exhausting to stack S-2.
- (x) One (1) NMP washer, identified as N-4, approved in 2014 for construction, with a maximum capacity of 85 machined metal parts per hour, using no control, and exhausting outdoors.
- (y) Two (2) Wabash rubber molding presses, identified as W-1 and W-2, constructed in 1989, with a maximum capacity of 81 lb/hr each, exhausting to stack S-5.
- (z) Four (4) Rep rubber molding presses, identified as R-1-4, with units R-1 and R-2

constructed in 2002, and units R-3 and R-4 constructed in 2006, with a maximum capacity of 58.5 lb/hr each, exhausting to stacks S-13, S-21 and S-22.

- (aa) Five (5) Rep rubber molding presses, identified as R-5 through R-9, approved in 2014 for construction, each with a maximum capacity of 58.5 pounds per hour, using no control, and exhausting outdoors.
- (bb) One (1) Desma rubber molding press, identified as D-1, constructed in 2008, with a maximum capacity of 60 lb/hr each, exhausting through roof stacks.
- (cc) Two (2) electric Grieve post cure ovens, constructed in 2008, with a maximum throughput of 28.5 lb/hr of rubber each, exhausting to stacks GR1 and GR2.
- (dd) One (1) electric Grieve post cure oven, approved in 2014 for construction, with a maximum throughput of 28.5 pounds per hour of rubber each, using no control, and exhausting outdoors.
- (ee) Three (3) enclosed mechanical shot blasters, identified as Blaster 1, Blaster 2 and Blaster 3. Blaster 1 was constructed in 1989, Blaster 2 and 3 were constructed in 2008, with a maximum capacity of 80 lb/hr of parts each, using baghouses as control and exhausting to the atmosphere.
- (ff) Two (2) natural gas-fired heaters, rated at 0.2 million British thermal units (MMBTU) per hour each.
- (gg) One (1) natural gas-fired heater, rated at 0.1 million British thermal units (MMBTU) per hour.
- (hh) Three (3) natural gas-fired heaters, rated at 0.32 million British thermal units (MMBTU) per hour each.
- (ii) Four (4) natural gas-fired sealer tank heaters, rated at 0.3 million British thermal units (MMBTU) per hour each.
- (jj) Four (4) natural gas-fired wash tank heaters, rated at 0.4 million British thermal units (MMBTU) per hour each.
- (kk) Natural Gas-fired combustion sources with heat input equal to or less than ten million (10,000,000) Btu per hour.
- (ll) Vessels storing the following: hydraulic oils, lubricating oils and machining fluids
- (mm) Degreasing operations that do not exceed one hundred forty-five (145) gallons per twelve(12) months, except if subject to 326 IAC 20-6.
- (nn) Noncontact cooling tower systems with the following: forced and induced draft cooling tower systems not regulated under a NESHAP.
- (oo) Paved and unpaved roads and parking lots with public access.
- (pp) Blowdown for the following: compressors

SECTION B GENERAL CONDITIONS

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

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

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

- (a) This permit, 113-28237-00080, is issued for a fixed term of ten (10) years from the issuance date of this permit, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3. Subsequent revisions, modifications, or amendments of this permit do not affect the expiration date of this permit.
- (b) If IDEM, OAQ, upon receiving a timely and complete renewal permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect, until the renewal permit has been issued or denied.

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

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

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

B.4 Enforceability

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

B.5 Severability

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

B.6 Property Rights or Exclusive Privilege

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

B.7 Duty to Provide Information

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

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

- (a) An annual notification shall be submitted by an authorized individual to the Office of Air Quality stating whether or not the source is in operation and in compliance with the terms and conditions contained in this permit.
- (b) The annual notice shall be submitted in the format attached no later than March 1 of each year to:

Indiana Department of Environmental Management
Compliance and Enforcement Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251
- (c) The notification shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.

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

- (a) A Preventive Maintenance Plan meets the requirements of 326 IAC 1-6-3 if it includes, at a minimum:
 - (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;
 - (2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and
 - (3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

The Permittee shall implement the PMPs.

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

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

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

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

The Permittee shall implement the PMPs.

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

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

- (a) All terms and conditions of permits established prior to 113-28237-00080 and issued pursuant to permitting programs approved into the state implementation plan have been either:
 - (1) incorporated as originally stated,
 - (2) revised, or
 - (3) deleted.
- (b) All previous registrations and permits are superseded by this permit.

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

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

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

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

Request for renewal shall be submitted to:

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

- (b) A timely renewal application is one that is:
 - (1) Submitted at least one hundred twenty (120) days prior to the date of the expiration of this permit; and
 - (2) If the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the

document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.

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

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

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

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

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

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

B.14 Source Modification Requirement

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

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

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

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

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

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

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

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

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

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

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

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

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

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

SECTION C

SOURCE OPERATION CONDITIONS

Entire Source

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

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

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

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

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

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

C.3 Opacity [326 IAC 5-1]

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

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

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

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

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

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

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

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

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

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

All required notifications shall be submitted to:

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

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

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

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

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

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

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

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

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

Compliance Requirements [326 IAC 2-1.1-11]

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

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

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

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

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

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

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

Corrective Actions and Response Steps

C.12 Response to Excursions or Exceedances

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

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

- (e) The Permittee shall record the reasonable response steps taken.

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

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

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

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

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

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

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

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

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

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

SECTION D.1 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

- (a) One (1) spray booth, identified as P-1, constructed in 1989, with a maximum capacity of 100 units per hour, using dry filters as particulate matter control, and exhausting to stack S-15.
- (b) One (1) spray booth, identified as P-2, constructed in 1989, with a maximum capacity of 105 machined metal parts per hour, using dry filters as control, and exhausting to stack S-8.
- (c) One (1) spray shadow booth, identified as P-3, constructed in 1989, with a maximum capacity of 92 units per hour, and exhausting to stack S-17.
- (d) One (1) spray final booth, identified as P-4, constructed in 1989, with a maximum capacity of 92 units per hour, using dry filters as particulate matter control, and exhausting to stack S-18.
- (e) One (1) spray shadow booth, identified as P-5, constructed in 1989, with a maximum capacity of 92 units per hour, and exhausting to stack S-19.
- (f) One (1) spray final booth, identified as P-6, constructed in 1989, with a maximum capacity of 92 units per hour, using dry filters as particulate matter control, and exhausting to stack S-20.
- (g) One (1) spray booth, identified as P-7, constructed in 1989, with a maximum capacity of 100 units per hour, using dry filters as particulate matter control, and exhausting to stack S-14.
- (h) One (1) spray booth, identified as P-8, constructed in 1989, with a maximum capacity of 60 units per hour, and exhausting to stack S-16.
- (i) One spray booth, identified as P-9, constructed in 1989, with a maximum capacity of 225 units per hour, and exhausting to stack S-6.
- (j) One (1) spray booth, identified as P-10, approved in 2014 for construction, using (1) HVLP spray gun for the surface coating of metal parts, with a maximum capacity of 225 parts per hour, using dry filters for particulate control, and exhausting outdoors.
- (k) One (1) brush coater or timing mark station, identified as BC-1, constructed in 1989, with a maximum capacity of 100 units per hour, and exhausting to the atmosphere.
- (l) One (1) brush coater or timing mark station, identified as BC-2, constructed in 1989, with a maximum capacity of 92 units per hour, and exhausting to the atmosphere.
- (m) One (1) brush coater or timing mark station, identified as BC-3, constructed in 1989, with a maximum capacity of 92 units per hour, and exhausting to the atmosphere.
- (n) One (1) brush coater or timing mark station, identified as BC-4, constructed in 1989, with a maximum capacity of 60 units per hour, and exhausting to the atmosphere.
- (o) One (1) adhesive roll coater, identified as AR-1, constructed in 1989, with a maximum capacity of 105 machined metal parts per hour, and exhausting to stack S-9.

- (p) One (1) adhesive roll coater, identified as AR-2, constructed in 2007, with a maximum capacity of 75 machined metal parts per hour, and exhausting to general ventilation.
- (q) One (1) adhesive roll coater, identified as AR-3, constructed in 2007, with a maximum capacity of 85 machined metal parts per hour, and exhausting to general ventilation.
- (r) One (1) rust inhibitor, identified as RI-1, constructed in 2007, with a maximum capacity of 75 machined metal parts per hour, exhausting to general ventilation.
- (s) One (1) rust inhibitor, identified as RI-2, constructed in 2007, with a maximum capacity of 85 machined metal parts per hour, exhausting to general ventilation.
- (t) One (1) paint booth, identified as PB-1, constructed in 2007, with a maximum capacity of 85 machined metal parts per hour, using dry filters as particulate matter control, and exhausting to general ventilation.
- (u) One (1) NMP washer, identified as N-1, constructed in 1989, with a maximum capacity of 105 machined metal parts per hour, exhausting to general ventilation.
- (v) One (1) NMP washer, identified as N-2, constructed in 2007, with a maximum capacity of 75 machined metal parts per hour, and exhausting to stack S-7.
- (w) One (1) NMP washer, identified as N-3, constructed in 2007, with a maximum capacity of 85 machined metal parts per hour, and exhausting to stack S-2.
- (x) One (1) NMP washer, identified as N-4, approved in 2014 for construction, with a maximum capacity of 85 machined metal parts per hour, using no control, and exhausting outdoors.
- (y) Two (2) Wabash rubber molding presses, identified as W-1 and W-2, constructed in 1989, with a maximum capacity of 81 lb/hr each, exhausting to stack S-5.
- (z) Four (4) Rep rubber molding presses, identified as R-1-4, with units R-1 and R-2 constructed in 2002, and units R-3 and R-4 constructed in 2006, with a maximum capacity of 58.5 lb/hr each, exhausting to stacks S-13, S-21 and S-22.
- (aa) Five (5) Rep rubber molding presses, identified as R-5 through R-9, approved in 2014 for construction, each with a maximum capacity of 58.5 pounds per hour, using no control, and exhausting outdoors.
- (bb) One (1) Desma rubber molding press, identified as D-1, constructed in 2008, with a maximum capacity of 60 lb/hr each, exhausting through roof stacks.
- (cc) Two (2) electric Grieve post cure ovens, constructed in 2008, with a maximum throughput of 28.5 lb/hr of rubber each, exhausting to stacks GR1 and GR2.
- (dd) One (1) electric Grieve post cure oven, approved in 2014 for construction, with a maximum throughput of 28.5 pounds per hour of rubber each, using no control, and exhausting outdoors.

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

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

D.1.1 Volatile Organic Compounds (VOC) [326 IAC 8-3-2]

- (a) Pursuant to 326 IAC 8-3-2(a) (Cold Cleaner Degreaser Control Equipment and Operating Requirements, the owner or operator of a cold cleaner degreaser shall ensure that the following control equipment and operating requirements are met:
- (1) Equip the degreaser with a cover.
 - (2) Equip the degreaser with a device for draining cleaned parts.
 - (3) Close the cover whenever articles are not being handled in the degreaser.
 - (4) Drain cleaned articles for at least fifteen (15) seconds or until dripping ceases.
 - (5) Provide a permanent, conspicuous label that lists the operating requirements in subdivisions (3), (4), (6), and (7).
 - (6) Store waste solvent only in closed containers.
 - (7) Prohibit the disposal or transfer of waste solvent in such a manner could allow greater than twenty percent (20%) of the waste solvent by weight to evaporate.
- (b) The owner or operator of a cold cleaner degreaser subject to this subsection shall ensure the following additional control equipment and operating requirements are met:
- (1) Equip the degreaser with one (1) of the following control devices if the solvent is heated to a temperature of greater than forty-eight and nine-tenths (48.9) degrees Celsius (one hundred twenty (120) degrees Fahrenheit):
 - (A) A freeboard that attains a freeboard ratio of seventy-five hundredths (0.75) or greater.
 - (B) A water cover when solvent used is insoluble in, and heavier than, water.
 - (C) A refrigerated chiller.
 - (D) Carbon adsorption.
 - (E) An alternative system of demonstrated equivalent or better control as those outlined in clauses (A) through (D) that is approved by the department. An alternative system shall be submitted to the U.S. EPA as a SIP revision.
 - (2) Ensure that the degreaser cover is designed so that it can be easily operated with one (1) hand if the solvent is agitated or heated.
 - (3) If used, solvent spray:
 - (A) must be a solid, fluid stream; and
 - (B) shall be applied at a pressure that does not cause excessive splashing.

D.1.2 Material requirements for cold cleaner degreasers [326 IAC 8-3-8]

Effective January 1, 2015, the NMP washers are subject to the requirements of 326 IAC 8-3-8. Pursuant to 326 IAC 8-3-8(b)(2), the Permittee shall not operate a cold cleaner degreaser with a solvent that has a VOC composite partial vapor pressure that exceeds one (1) millimeter of mercury (nineteen-thousandths (0.019) pound per square inch) measured at twenty (20) degrees Celsius (sixty eight (68) degrees Fahrenheit).

D.1.3 Particulate [326 IAC 6-3-2(d)]

- (a) Particulate from the surface coating manufacturing processes shall be controlled by a dry particulate filter, waterwash, or an equivalent control device, and the Permittee shall operate the control device in accordance with manufacturer's specifications.
- (b) If overspray is visibly detected at the exhaust or accumulates on the ground, the Permittee shall inspect the control device and do either of the following no later than four (4) hours after such observation:
 - (1) Repair control device so that no overspray is visibly detectable at the exhaust or accumulates on the ground.
 - (2) Operate equipment so that no overspray is visibly detectable at the exhaust or accumulates on the ground.
- (c) If overspray is visibly detected, the Permittee shall maintain a record of the action taken as a result of the inspection, any repairs of the control device, or change in operations, so that overspray is not visibly detected at the exhaust or accumulates on the ground. These records must be maintained for five (5) years.

D.1.4 Preventive Maintenance Plan [326 IAC 1-6-3]

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

Compliance Determination Requirements

D.1.5 Particulate Matter (PM)

In order to comply with condition D.1.3, the dry filters for PM control shall be in operation and control emissions from the spray booths at all times that the spray booths are in operation.

D.1.6 Training Requirements

In order to comply with condition D.1.3 the Permittee shall implement an operator-training program.

- (1) All spray booth operators or employees that perform maintenance at the surface coating facilities shall be trained in the proper set-up and operation of the particulate control system. All existing operators shall be trained within 60 days of the date of permit issuance. All new operators shall be trained upon hiring or transfer.
- (2) Training shall include proper filter alignment, filter inspection and maintenance, and trouble shooting practices. The training program shall be written and retained on site. The training program shall include a description of the methods to be used at the completion of initial and refresher training to demonstrate and document successful completion. Copies of the training program, the list of trained operators and training records shall be maintained on site or available within 1 hour for inspection by IDEM.
- (3) All operators shall be given refresher training annually.

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

D.1.7 Record Keeping Requirements

- (a) To document the compliance status with Condition D.1.2, on and after January 1, 2015, the Permittee shall maintain the following records for each purchase of solvent used in

the NMP washers. These records shall be retained on-site or accessible electronically for the most recent three (3) year period and shall be reasonably accessible for an additional two (2) year period.

- (1) The name and address of the solvent supplier.
 - (2) The date of purchase (or invoice/bill date of contract servicer indicating service date).
 - (3) The type of solvent purchased.
 - (4) The total volume of the solvent purchased
 - (5) The true vapor pressure of the solvent measured in millimeters of mercury at twenty (20) degrees Celsius (sixty-eight (68) degrees Fahrenheit).
- (b) In order to comply with Condition D.1.6, the Permittee shall maintain a copy of the operator-training program, all training records including the list of trained operators.
- (c) Section C - General Record Keeping Requirements contains the Permittee's obligations with regard to the records required by this condition.

SECTION D.2

FACILITY OPERATION CONDITIONS

Emissions Unit Description:

- (aa) Three (3) enclosed mechanical shot blasters, identified as Blaster 1, Blaster 2 and Blaster 3. Blaster 1 was constructed in 1989, Blaster 2 and Blaster 3 were constructed in 2008, with a maximum capacity of 80 lb/hr of parts each, using baghouses as control, and exhausting to the atmosphere.

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

Emission Limitations and Standards

D.2.1 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 per blaster.

Compliance Determination Requirement

D.2.2 Particulate Control

In order to comply with D.2.1, each baghouse for particulate control shall be in operation and control emissions from the mechanical shot blasting operation at all times that the machines are in operation.

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

**MINOR SOURCE OPERATING PERMIT
ANNUAL NOTIFICATION**

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

Company Name:	Vibracoustics North America, L.P.
Address:	1496 Gerber Street
City:	Ligonier, Indiana 46767
Phone #:	(260) 894-7199
MSOP #:	M113-28237-00080

I hereby certify that Vibracoustics North America, L.P.
is :

still in operation.

I hereby certify that Vibracoustics North America, L.P.
is :

no longer in operation.

in compliance with the requirements of
MSOP M113-28237-00080.

not in compliance with the requirements of
MSOP M113-28237-00080.

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

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

Noncompliance:

MALFUNCTION REPORT

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

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

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

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

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

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

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

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

ESTIMATED HOURS OF OPERATION WITH MALFUNCTION CONDITION: _____

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

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

ESTIMATED AMOUNT OF POLLUTANT EMITTED DURING MALFUNCTION: _____

MEASURES TAKEN TO MINIMIZE EMISSIONS: _____

REASONS WHY FACILITY CANNOT BE SHUTDOWN DURING REPAIRS:

CONTINUED OPERATION REQUIRED TO PROVIDE ESSENTIAL* SERVICES: _____

CONTINUED OPERATION NECESSARY TO PREVENT INJURY TO PERSONS: _____

CONTINUED OPERATION NECESSARY TO PREVENT SEVERE DAMAGE TO EQUIPMENT: _____

INTERIM CONTROL MEASURES: (IF APPLICABLE) _____

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

MALFUNCTION RECORDED BY: _____ DATE: _____ TIME: _____

*SEE PAGE 2

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

326 IAC 1-6-1 Applicability of rule

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

326 IAC 1-2-39 "Malfunction" definition

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

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

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

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

Technical Support Document (TSD) for an Administrative Amendment to a
Minor Source Operating Permit (MSOP)

Source Description and Location

Source Name: Vibracoustics North America, L.P.
Source Location: 1496 Gerber Street, Ligonier, Indiana 46767
County: Noble
SIC Code: 3499 (Fabricated Metal Products, Not Elsewhere Classified)
Operation Permit No.: 113-28237-00080
Operation Permit Issuance Date: December 14, 2009
Administrative Amendment No.: 113-35077-00080
Permit Reviewer: Ryan Graunke

On October 24, 2014, the Office of Air Quality (OAQ) received an application from Vibracoustics North America, L.P. related to a name change and modification to an existing stationary automobile parts production plant for machining and surface coating of auto parts operation.

Existing Approvals

The source was issued MSOP Renewal No. 113-28237-00080 on December 14, 2009. There have been no subsequent approvals issued.

County Attainment Status

The source is located in Noble County.

Pollutant	Designation
SO ₂	Better than national standards.
CO	Unclassifiable or attainment effective November 15, 1990.
O ₃	Unclassifiable or attainment effective July 20, 2012, for the 2008 8-hour ozone standard. ¹
PM _{2.5}	Unclassifiable or attainment effective April 5, 2005, for the annual PM _{2.5} standard.
PM _{2.5}	Unclassifiable or attainment effective December 13, 2009, for the 24-hour PM _{2.5} standard.
PM ₁₀	Unclassifiable effective November 15, 1990.
NO ₂	Cannot be classified or better than national standards.
Pb	Unclassifiable or attainment effective December 31, 2011.

¹Unclassifiable or attainment effective October 18, 2000, for the 1-hour ozone standard which was revoked effective June 15, 2005.

- (a) **Ozone Standards**
Volatile organic compounds (VOC) and Nitrogen Oxides (NO_x) are regulated under the Clean Air Act (CAA) for the purposes of attaining and maintaining the National Ambient Air Quality Standards (NAAQS) for ozone. Therefore, VOC and NO_x emissions are considered when evaluating the rule applicability relating to ozone. Noble 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}**
 Noble County has been classified as attainment for PM_{2.5}. 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**
 Noble County has been classified as attainment or unclassifiable in Indiana for all other criteria pollutants. Therefore, these emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.

Fugitive Emissions

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

Status of the Existing Source

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

This PTE table is from the TSD of MSOP Renewal No. 113-28237-00080 issued on December 14, 2009

Process/ Emission Unit	Potential To Emit (tons/year)							
	PM	PM ₁₀	PM _{2.5}	SO ₂	NO _x	VOC	CO	HAPs
Spray Booth, P-1	11.07	11.07	11.07	0.00	0.00	0.00	0.00	0.00
Spray Booth, P-2	5.45	5.45	5.45	0.00	0.00	1.16	0.00	0.84
Spray Shadow Booth, P-3	2.60	2.60	2.60	0.00	0.00	0.26	0.00	0.00
Spray Final Booth, P-4	5.21	5.21	5.21	0.00	0.00	0.51	0.00	0.00
Spray Shadow Booth, P-5	2.60	2.60	2.60	0.00	0.00	0.26	0.00	0.00
Spray Final Booth, P-6	5.21	5.21	5.21	0.00	0.00	0.51	0.00	0.00
Spray Booth, P-7	5.19	5.19	5.19	0.00	0.00	1.11	0.00	0.80
Spray Booth, P-8	3.11	3.11	3.11	0.00	0.00	0.66	0.00	0.48
Spray Booth, P-9	7.63	7.63	7.63	0.00	0.00	1.63	0.00	0.70
Brush coater/timing mark station, BC-1	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00
Brush coater/timing mark station, BC-2	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00
Brush coater/timing mark station, BC-3	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00
Brush coater/timing mark station, BC-4	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00
Adhesive Roll Coater, AR-1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.53
Adhesive Roll Coater, AR-2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.73
Adhesive Roll Coater, AR-3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.90
Rust Inhibitor Spray Booth, RI-1	0.02	0.02	0.02	0.00	0.00	0.60	0.00	0.00
Rust Inhibitor Spray Booth, RI-2	0.02	0.02	0.02	0.00	0.00	0.68	0.00	0.00
Paint Booth, PB-1	4.41	4.41	4.41	0.00	0.00	0.94	0.00	0.68
NMP washer, N-1	0.00	0.00	0.00	0.00	0.00	1.50	0.00	0.45
NMP washer, N-2	0.00	0.00	0.00	0.00	0.00	0.90	0.00	0.45

Process/ Emission Unit	Potential To Emit (tons/year)							
	PM	PM ₁₀	PM _{2.5}	SO ₂	NO _x	VOC	CO	HAPs
NMP washer, N-3	0.00	0.00	0.00	0.00	0.00	1.20	0.00	0.45
Wabash rubber molding presses, W-1, W-2, W-3 and W-4	0.00	0.00	0.00	0.00	0.00	2.49	0.00	0.72
Rep rubber molding presses, R-1, R-2, R-3 and R-4	0.00	0.00	0.00	0.00	0.00	1.79	0.00	0.52
Desma rubber molding presses, D-1 and D-2	0.00	0.00	0.00	0.00	0.00	0.92	0.00	0.27
Grieve rubber post cure ovens	0.00	0.00	0.00	0.00	0.00	1.07	0.00	0.20
Mechanical Shot Blaster-Abrasive Blasting, Blaster 1	0.0034	0.0034	0.0034	0.00	0.00	0.00	0.00	0.00
Mechanical Shot Blaster-Abrasive Blasting, Blaster 2	0.0034	0.0034	0.0034	0.00	0.00	0.00	0.00	0.00
Mechanical Shot Blaster-Abrasive Blasting, Blaster 3	0.0034	0.0034	0.0034	0.00	0.00	0.00	0.00	0.00
Natural Gas combustion	0.14	0.14	0.14	0.01	1.87	0.10	1.57	0.04
Total Emissions	52.67	52.67	52.67	0.01	1.87	18.41	1.57	10.76
Title V Major Source Thresholds	NA	100	100	100	100	100	100	10/25
PSD Major Source Thresholds	250	250	250	250	250	250	250	NA

Description of Proposed Revision

The Office of Air Quality (OAQ) has reviewed an application, submitted by Vibracoustics North America, L.P. on October 24, 2014, relating to a name change from Vibration Control Technologies, LLC to Vibracoustics North America, L.P., construction of new units, and removal of existing units.

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

- (a) One (1) spray booth, identified as P-10, approved in 2014 for construction, using (1) HVLP spray gun for the surface coating of metal parts, with a maximum capacity of 225 parts per hour, using dry filters for particulate control, and exhausting outdoors.
- (b) One (1) NMP washer, identified as N-4, approved in 2014 for construction, with a maximum capacity of 85 machined metal parts per hour, using no control, and exhausting outdoors.
- (c) Five (5) Rep rubber molding presses, identified as R-5 through R-9, approved in 2014 for construction, each with a maximum capacity of 58.5 pounds per hour, using no control, and exhausting outdoors.
- (d) One (1) electric Grieve post cure oven, approved in 2014 for construction, with a maximum throughput of 28.5 pounds per hour of rubber each, using no control, and exhausting outdoors.

In addition, the source is removing the following units:

- (a) Two (2) Wabash rubber molding presses, identified as W-3 and W-4, constructed in 1989, with a maximum capacity of 81 lb/hr each, exhausting to stack S-5.
- (b) One (1) Desma rubber molding press, identified as D-2, constructed in 2008, with a maximum capacity of 60 lb/hr, exhausting through roof stacks.

Enforcement Issues

There are no pending enforcement actions related to this revision.

Emission Calculations

See Appendix A of this TSD for detailed emission calculations.

Permit Level Determination – MSOP Amendment

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

Process/ Emission Unit	PTE of Proposed Amendment (tons/year)								
	PM	PM ₁₀	PM _{2.5}	SO ₂	NO _x	VOC	CO	Total HAPs	Worst Single HAP
Spray booth, P-10	3.65	3.65	3.65	-	-	0.51	-	-	
NMP washer, N-4	-	-	-	-	-	0.89	-	0.04	0.04 – Ethylene glycol
Rubber presses, R5 – R-9	-	-	-	-	-	2.25	-	0.65	0.56 - Acetophenone
Grieve oven, GR-3	-	-	-	-	-	2.33	-	0.44	0.35 - Hexane
Total PTE of Proposed Revision	3.65	3.65	3.65	-	-	5.98	-	1.13	0.56 - Acetophenone

- a. Pursuant to 326 IAC 2-6.1-6(d)(3), this change to the permit is considered an administrative amendment because the permit is amended to indicate a change in ownership or operational control of the source.

The company name has been revised throughout the permit as follows:

Company Name: ~~Vibration Control Technologies, LLC~~
Vibracoustics North America, L.P.

- b. Pursuant to 326 IAC 2-6.1-6(d)(11), this change to the permit is considered an administrative amendment because the permit is amended to add an emissions unit, subject to 326 IAC 2-1.1-3 (Exemptions), at the request of the applicant.

PTE of the Entire Source After Issuance of the MSOP Revision

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

Process/ Emission Unit	Potential To Emit (tons/year)								Worst Single HAP
	PM	PM ₁₀	PM _{2.5}	SO ₂	NO _x	VOC	CO	Total HAPs	
Spray Booth, P-1	11.07	11.07	11.07	0.00	0.00	0.00	0.00	0.00	
Spray Booth, P-2	5.45	5.45	5.45	0.00	0.00	1.16	0.00	0.84	0.84 - Ethylene glycol
Spray Shadow Booth, P-3	2.60	2.60	2.60	0.00	0.00	0.26	0.00	0.00	
Spray Final Booth, P-4	5.21	5.21	5.21	0.00	0.00	0.51	0.00	0.00	
Spray Shadow Booth, P-5	2.60	2.60	2.60	0.00	0.00	0.26	0.00	0.00	
Spray Final Booth, P-6	5.21	5.21	5.21	0.00	0.00	0.51	0.00	0.00	
Spray Booth, P-7	5.19	5.19	5.19	0.00	0.00	1.11	0.00	0.80	0.80 - Ethylene glycol
Spray Booth, P-8	3.11	3.11	3.11	0.00	0.00	0.66	0.00	0.48	0.48 - Ethylene glycol
Spray Booth, P-9	7.63	7.63	7.63	0.00	0.00	1.63	0.00	0.70	0.70 - MIBK
Spray Booth, P-10	3.65	3.65	3.65	-	-	-	0.51	-	-
Brush coater/timing mark station, BC-1	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	-
Brush coater/timing mark station, BC-2	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	-
Brush coater/timing mark station, BC-3	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	-
Brush coater/timing mark station, BC-4	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	-
Adhesive Roll Coater, AR-1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.14	2.14 - MDI
Adhesive Roll Coater, AR-2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.53	1.53 - MDI
Adhesive Roll Coater, AR-3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.73	1.73 - MDI
Rust Inhibitor Spray Booth, RI-1	0.02	0.02	0.02	0.00	0.00	0.60	0.00	0.00	-
Rust Inhibitor Spray Booth, RI-2	0.02	0.02	0.02	0.00	0.00	0.68	0.00	0.00	-
Paint Booth, PB-1	4.41	4.41	4.41	0.00	0.00	0.94	0.00	0.68	0.68 - Ethylene glycol
NMP washer, N-1	0.00	0.00	0.00	0.00	0.00	1.50	0.00	0.45 0.07	0.07 - Ethylene glycol
NMP washer, N-2	0.00	0.00	0.00	0.00	0.00	0.90	0.00	0.45 0.04	0.04 - Ethylene glycol
NMP washer, N-3	0.00	0.00	0.00	0.00	0.00	1.20	0.00	0.45 0.06	0.06 - Ethylene glycol
NMP washer, N-4	-	-	-	-	-	0.89	-	0.04	0.04 - Ethylene glycol
Wabash rubber molding presses, W-1 and W-2, W-3 and W-4	0.00	0.00	0.00	0.00	0.00	2.49 1.24	0.00	0.72 0.36	0.31 - Acetophenone
Rep rubber molding presses, R-1, R-2, R-3, and R-4, R-5, R-6, R-7, R-8, R-9	0.00	0.00	0.00	0.00	0.00	1.79 4.04	0.00	0.52 1.17	1.01 - Acetophenone
Desma rubber molding presses, D-1 and D-2	0.00	0.00	0.00	0.00	0.00	0.92 0.46	0.00	0.27 0.13	0.12 - Acetophenone
Grieve rubber post cure ovens	0.00	0.00	0.00	0.00	0.00	1.07 7.00	0.00	0.20 1.31	1.04 - Hexane
Mechanical Shot Blaster-Abrasive Blasting, Blaster 1	0.0034 3.40	0.0034 2.38	0.0034 2.38	0.00	0.00	0.00	0.00	0.00	-
Mechanical Shot Blaster-	0.0034	0.0034	0.0034	0.00	0.00	0.00	0.00	0.00	-

Process/ Emission Unit	Potential To Emit (tons/year)								
	PM	PM ₁₀	PM _{2.5}	SO ₂	NO _x	VOC	CO	Total HAPs	Worst Single HAP
Abrasive Blasting, Blaster 2	3.40	2.38	2.38						
Mechanical Shot Blaster- Abrasive Blasting, Blaster 3	0.0034 3.40	0.0034 2.38	0.0034 2.38	0.00	0.00	0.00	0.00	0.00	-
Natural Gas combustion	0.14 0.03	0.14	0.14	0.01	1.873	0.10	1.574	0.04	0.03 - Hexane
Total Emissions	52.67 66.4	52.67 63.4	52.67 6.34	0.01	1.873	48.41 26.3	1.574	40.76 12.11	5.40 - MDI
Title V Major Source Thresholds	NA	100	100	100	100	100	100	25	10
PSD Major Source Thresholds	250	250	250	250	250	250	250	NA	NA

Note: The change in PTE is due to the construction of new units, removal of existing units, and correction in PTE calculations for existing units.

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

Process/ Emission Unit	Potential To Emit (tons/year)								
	PM	PM ₁₀	PM _{2.5}	SO ₂	NO _x	VOC	CO	Total HAPs	Worst Single HAP
Spray Booth, P-1	11.07	11.07	11.07	-	-	-	-	-	-
Spray Booth, P-2	5.45	5.45	5.45	-	-	1.16	-	0.84	0.84 - Ethylene glycol
Spray Shadow Booth, P-3	2.60	2.60	2.60	-	-	0.26	-	-	-
Spray Final Booth, P-4	5.21	5.21	5.21	-	-	0.51	-	-	-
Spray Shadow Booth, P-5	2.60	2.60	2.60	-	-	0.26	-	-	-
Spray Final Booth, P-6	5.21	5.21	5.21	-	-	0.51	-	-	-
Spray Booth, P-7	5.19	5.19	5.19	-	-	1.11	-	0.80	0.80 - Ethylene glycol
Spray Booth, P-8	3.11	3.11	3.11	-	-	0.66	-	0.48	0.48 - Ethylene glycol
Spray Booth, P-9	7.63	7.63	7.63	-	-	1.63	-	0.70	0.70 - MIBK
Spray Booth, P-10	3.65	3.65	3.65	-	-	0.51	-	-	-
Brush coater/timing mark station, BC-1	-			-	-	0.03	-	-	-
Brush coater/timing mark station, BC-2	-			-	-	0.03	-	-	-
Brush coater/timing mark station, BC-3	-			-	-	0.04	-	-	-
Brush coater/timing mark station, BC-4	-			-	-	0.04	-	-	-
Adhesive Roll Coater, AR-1	-			-	-	-	-	2.14	2.14 - MDI
Adhesive Roll Coater, AR-2	-			-	-	-	-	1.53	1.53 - MDI
Adhesive Roll Coater, AR-3	-			-	-	-	-	1.73	1.73 - MDI
Rust Inhibitor Spray Booth, RI-1	0.02	0.02	0.02	-	-	0.60	-	-	-
Rust Inhibitor Spray Booth,	0.02	0.02	0.02	-	-	0.68	-	-	-

Process/ Emission Unit	Potential To Emit (tons/year)								
	PM	PM ₁₀	PM _{2.5}	SO ₂	NO _x	VOC	CO	Total HAPs	Worst Single HAP
RI-2									
Paint Booth, PB-1	4.41	4.41	4.41	-	-	0.94	-	0.68	0.68 - Ethylene glycol
NMP washer, N-1	-	-	-	-	-	1.50	-	0.075	0.07 - Ethylene glycol
NMP washer, N-2	-	-	-	-	-	0.90	-	0.045	0.04 - Ethylene glycol
NMP washer, N-3	-	-	-	-	-	1.20	-	0.060	0.06 - Ethylene glycol
NMP washer, N-4	-	-	-	-	-	0.89	-	0.045	0.04 - Ethylene glycol
Wabash rubber molding presses, W-1 and W-2	-	-	-	-	-	1.24	-	0.36	0.31 - Acetophenone
Rep rubber molding presses, R-1, R-2, R-3, R-4, R-5, R-6, R-7, R-8, R-9	-	-	-	-	-	4.04	-	1.17	1.01 - Acetophenone
Desma rubber molding presses, D-1	-	-	-	-	-	0.46	-	0.13	0.12 - Acetophenone
Grieve rubber post cure ovens	-	-	-	-	-	7.00	-	1.31	1.04 - Hexane
Mechanical Shot Blaster-Abrasive Blasting, Blaster 1	3.40	2.38	2.38	-	-	-	-	-	-
Mechanical Shot Blaster-Abrasive Blasting, Blaster 2	3.40	2.38	2.38	-	-	-	-	-	-
Mechanical Shot Blaster-Abrasive Blasting, Blaster 3	3.40	2.38	2.38	-	-	-	-	-	-
Natural Gas combustion	0.03	0.14	0.14	0.01	1.83	0.10	1.54	0.035	0.03 - Hexane
Total Emissions	66.4	63.4	63.4	0.01	1.83	26.3	1.54	12.11	5.40 - MDI
Title V Major Source Thresholds	NA	100	100	100	100	100	100	25	10
PSD Major Source Thresholds	250	250	250	250	250	250	250	NA	NA

MSOP Status

- (a) This amendment to an existing Title V minor stationary source will not change the minor status, because the uncontrolled/unlimited potential to emit criteria pollutants from the entire source will still be less than the Title V major source threshold levels. Therefore, the source will still be subject to the provisions of 326 IAC 2-6.1 (MSOP).
- (b) This revision will not change the minor status of the source, because the uncontrolled/unlimited potential to emit of any single HAP will still be less than ten (10) tons per year and the PTE of a combination of HAPs will still be less than twenty-five (25) tons per year. Therefore, this source is an area source under Section 112 of the Clean Air Act (CAA) and not subject to the provisions of 326 IAC 2-7.
- (c) On June 23, 2014, in the case of *Utility Air Regulatory Group v. EPA*, cause no. 12-1146, (available at http://www.supremecourt.gov/opinions/13pdf/12-1146_4g18.pdf) the United States Supreme Court ruled that the U.S. EPA does not have the authority to treat greenhouse gases (GHGs) as an air pollutant for the purpose of determining operating permit applicability or PSD Major source status. On July 24, 2014, the U.S. EPA issued a memorandum to the Regional Administrators outlining next steps in permitting decisions in light of the Supreme Court's decision. U.S. EPA's guidance states that U.S. EPA will no longer require PSD or Title V permits for sources "previously classified as 'Major' based solely on greenhouse gas emissions."

The Indiana Environmental Rules Board adopted the GHG regulations required by U.S. EPA at 326 IAC 2-2-1(zz), pursuant to Ind. Code § 13-14-9-8(h) (Section 8 rulemaking). A rule, or part of a rule, adopted under Section 8 is automatically invalidated when the corresponding federal rule, or part of the rule, is invalidated. Due to the United States Supreme Court Ruling, IDEM, OAQ cannot consider GHGs emissions to determine operating permit applicability or PSD applicability to a source or modification.

Federal Rule Applicability Determination

New Source Performance Standards (NSPS)

- (a) There are no NSPS (326 IAC 12 and 40 CFR Part 60) included for this amendment.

National Emission Standards for Hazardous Air Pollutants (NESHAP)

- (b) The requirements of the NESHAP for Halogenated Solvent Cleaning (40 CFR Part 63, Subpart T) are not included in the permit because the new NMP cleaner does not use halogenated HAP solvents.
- (c) The requirements of the NESHAP for Surface Coating of Miscellaneous Metal Parts and Products, 40 CFR 63, Subpart MMMM (4M) (326 IAC 20-80), are not included in the permit for the new spray booth, since the source is not a major source of HAPs.
- (d) The requirements of the NESHAP for Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources (40 CFR Part 63, Subpart HHHHHH (6H)) are not included in the permit for the new spray booth because the source does not perform paint stripping using methylene chloride (MeCl), autobody refinishing, or spray application of coatings that contain a target HAP (compounds of chromium (Cr), lead (Pb), manganese (Mn), nickel (Ni), or cadmium (Cd)).

Compliance Assurance Monitoring (CAM)

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

State Rule Applicability Determination

The following state rules are applicable to the proposed revision:

- (a) 326 IAC 2-6.1 (Minor Source Operating Permits (MSOP))
MSOP applicability is discussed under the Permit Level Determination – MSOP section above.
- (b) 326 IAC 2-2 (Prevention of Significant Deterioration (PSD))
This modification to an existing PSD minor stationary source will not change the PSD minor status, because the potential to emit of all PSD 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 MSOP Revision Section above.

- (c) 326 IAC 2-4.1 (Major Sources of Hazardous Air Pollutants (HAP))
The proposed revision is not subject to the requirements of 326 IAC 2-4.1, since the unlimited potential to emit of HAPs from the new units is less than ten (10) tons per year for any single HAP and less than twenty-five (25) tons per year of a combination of HAPs.

- (d) 326 IAC 2-6 (Emission Reporting)
Pursuant to 326 IAC 2-6-1, this source is not subject to this rule, because it is not required to have an operating permit under 326 IAC 2-7 (Part 70), it is not located in Lake, Porter, or LaPorte County, and it does not emit lead into the ambient air at levels equal to or greater than 5 tons per year. Therefore, 326 IAC 2-6 does not apply.
- (e) 326 IAC 5-1 (Opacity Limitations)
Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary Alternative Opacity Limitations), opacity shall meet the following, unless otherwise stated in this permit:
- (1) Opacity shall not exceed an average of forty percent (40%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.
 - (2) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.
- (f) 326 IAC 6-4 (Fugitive Dust Emissions Limitations)
Pursuant to 326 IAC 6-4 (Fugitive Dust Emissions Limitations), the source shall not allow fugitive dust to escape beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located, in a manner that would violate 326 IAC 6-4.
- (g) 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes)
- (a) Pursuant to 326 IAC 6-3-2(d)(1), particulate emissions from the new spray booth shall be controlled by a dry particulate filter, washwater, or an equivalent control device and shall operate the control device in accordance with the manufacturer's specifications.
 - (b) Pursuant to 326 IAC 6-3-2(d)(2), If overspray is visibly detected at the exhaust or accumulates on the ground, the Permittee shall inspect the control device and do either of the following no later than four (4) hours after such observation:
 - (1) Repair control device so that no overspray is visibly detectable at the exhaust or accumulates on the ground.
 - (2) Operate equipment so that no overspray is visibly detectable at the exhaust or accumulates on the ground.
 - (c) If overspray is visibly detected, the Permittee shall maintain a record of the action taken as a result of the inspection, any repairs of the control device, or change in operations, so that overspray is not visibly detected at the exhaust or accumulates on the ground. These records must be maintained for five (5) years.
- These units are each controlled by dry filters. Therefore, the source is able to comply with this rule.
- (h) 326 IAC 8-1-6 (VOC Rules: General Reduction Requirements for New Facilities)
Pursuant to 326 IAC 8-1-6(1), the new spray booth, new NMP washer, new rubber presses, and new griever oven are not subject to 326 IAC 8-1-6 because they each have a potential to emit less than twenty-five (25) tons of VOC per year.
- (i) 326 IAC 8-2-9 (Surface Coating VOC Emission Limitations: Miscellaneous Metal and Plastic Parts)
The new spray booth, which perform surface coating of metal parts, is not subject to the requirements of 326 IAC 8-2-9 because the unlimited potential VOC emissions is less than fifteen (15) pounds per day

- (j) 326 IAC 8-3-2 (Cold cleaner degreaser control equipment and operating requirements)
Pursuant to 326 IAC 8-3-1(c)(2)(A)(ii), the new NMP washer is subject to 326 IAC 8-3-2 because it is a cold cleaner degreasing activities without a remote solvent reservoir, constructed after July 1, 1990.

Pursuant to 326 IAC 8-3-2(a), the owner or operator of a cold cleaner degreaser shall ensure the following control equipment and operating requirements are met:

- (1) Equip the degreaser with a cover.
- (2) Equip the degreaser with a device for draining cleaned parts.
- (3) Close the degreaser cover whenever parts are not being handled in the degreaser.
- (4) Drain cleaned parts for at least fifteen (15) seconds or until dripping ceases.
- (5) Provide a permanent, conspicuous label that lists the operating requirements in subdivisions (3), (4), (6), and (7).
- (6) Store waste solvent only in closed containers.
- (7) Prohibit the disposal or transfer of waste solvent in such a manner that could allow greater than twenty percent (20%) of the waste solvent (by weight) to evaporate into the atmosphere.

Pursuant to 326 IAC 8-3-2(b), the owner or operator of a cold cleaner degreaser subject to this subsection shall ensure the following additional control equipment and operating requirements are met:

- (1) Equip the degreaser with one (1) of the following control devices if the solvent is heated to a temperature of greater than forty-eight and nine-tenths (48.9) degrees Celsius (one hundred twenty (120) degrees Fahrenheit):
 - (A) A freeboard that attains a freeboard ratio of seventy-five hundredths (0.75) or greater.
 - (B) A water cover when solvent used is insoluble in, and heavier than, water.
 - (C) A refrigerated chiller.
 - (D) Carbon adsorption.
 - (E) An alternative system of demonstrated equivalent or better control as those outlined in clauses (A) through (D) that is approved by the department. An alternative system shall be submitted to the U.S. EPA as a SIP revision.
 - (2) Ensure the degreaser cover is designed so that it can be easily operated with one (1) hand if the solvent is agitated or heated.
 - (3) If used, solvent spray:
 - (A) must be a solid, fluid stream; and
 - (B) shall be applied at a pressure that does not cause excessive splashing.
- (k) 326 IAC 8-3-8 (Material requirements for cold cleaner degreasers)

Pursuant to 326 IAC 8-3-1(c)(8)(B), effective January 1, 2015, the NMP washers are subject to the requirements of 326 IAC 8-3-8.

Pursuant to 326 IAC 8-3-8(b)(2), no person shall operate a cold cleaner degreaser with a solvent that has a VOC composite partial vapor pressure that exceeds one (1) millimeter of mercury (nineteen-thousandths (0.019) pound per square inch) measured at twenty (20) degrees Celsius (sixty-eight (68) degrees Fahrenheit)

Pursuant to 326 IAC 8-3-8(c)(2), the Permittee shall maintain the following records for each purchase of solvent used in the NMP washers. These records shall be retained on-site or accessible electronically for the most recent three (3) year period and shall be reasonably accessible for an additional two (2) year period.

- (1) The name and address of the solvent supplier.
- (2) The date of purchase (or invoice/bill date of contract servicer indicating service date).
- (3) The type of solvent purchased.
- (4) The total volume of the solvent purchased
- (5) The true vapor pressure of the solvent measured in millimeters of mercury at twenty (20) degrees Celsius (sixty-eight (68) degrees Fahrenheit).

Compliance Determination, Monitoring and Testing Requirements

The existing compliance requirements will not change as a result of this revision. The source shall continue to comply with the applicable requirements and permit conditions as contained in MSOP No: 113-28237-00080, issued on December 14, 2009.

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:

1. Sections A.2 and D.1 have been updated to include new units and remove existing units. Corresponding lettering has been updated for all other units.
2. Conditions D.1.1, D.1.2, and D.1.7 have been updated with new language and requirements for cold cleaner degreasers.

Additional Changes

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

Due to the number of changes to Sections B and C, the entire sections have been replaced with updated sections for simplicity, clarity, and accuracy.

1. IDEM, OAQ has decided to remove all references to the source mailing address. IDEM, OAQ will continue to maintain records of the mailing address.
2. For clarity, IDEM, OAQ has changed references to the general conditions: "in accordance with Section B", "in accordance with Section C", or other similar language, to " Section C ... contains the Permittee's obligations with regard to the records required by this condition."

3. IDEM, OAQ has decided that the phrases "no later than" and "not later than" are clearer than "within" in relation to the end of a timeline. Therefore all timeline have been revised to "no later than" or "not later than" except for where the rule says "within."
4. IDEM, OAQ has determined that rather than having a Certification condition and various references throughout the permit as to whether the a particular report, notice, or correspondence needs to include a certification, the specific conditions that require an affirmation of truth and completeness shall state so. The certification condition has been removed. All statements to whether a certification, pursuant to the former Section B - Certification, is needed or not have been removed. Section B - Credible Evidence and Section C - Asbestos Abatement Projects still require certification as the underlying rules also require certifications.
5. IDEM, OAQ has added a new paragraph (b) to handle a future situation where the Permittee adds units that need preventive maintenance plans developed. IDEM, OAQ has decided to clarify other aspects of Section B - Preventive Maintenance Plan.
6. IDEM, OAQ has decided to state which rule establishes the authority to set a deadline for the Permittee to submit additional information. Therefore, Section B - Permit Renewal has been revised.
7. IDEM, OAQ has added 326 IAC 5-1-1 to the exception clause of Section C - Opacity, since 326 IAC 5-1-1 does list exceptions.
8. IDEM, OAQ has revised Section C - Incineration to more closely reflect the two underlying rules.
9. IDEM, OAQ has changed the title, order, and wording of the condition formerly entitled Section C - Fugitive Dust Emissions to match 326 IAC 6.8-10-3.
10. IDEM, OAQ has removed the first paragraph of Section C - Performance Testing as due to the fact that specific testing conditions elsewhere in the permit will specify the timeline and procedures.
11. IDEM has removed Section C - Monitoring Methods. The conditions that require the monitoring or testing, if required, state what methods shall be used
12. IDEM has clarified Section C - Instrument Specifications to indicate that the analog instrument must be capable of measuring the parameters outside the normal range.
13. IDEM has revised Section C - Response to Excursions or Exceedances. The introduction sentence has been added to clarify that it is only when an excursion or exceedance is detected that the requirements of this condition need to be followed. The word "excess" was added to the last sentence of paragraph (a) because the Permittee only has to minimize excess emissions. The middle of paragraph (b) has been deleted as it was duplicative of paragraph (a). The phrase "or are returning" was added to subparagraph (b)(2) as this is an acceptable response assuming the operation or emission unit does return to normal or its usual manner of operation. The phrase "within the indicator range, designated condition, or below the applicable emission limitation or standard, as applicable" was replaced with "normal or usual manner of operation" because the first phrase is just a limited list of the second phrase. The recordkeeping required by paragraph (e) was changed to require only records of the response because the previously listed items are required to be recorded elsewhere in the permit.
14. IDEM has revised Section C - Actions Related to Noncompliance Demonstrated by a Stack Test. The requirements to take response steps and minimize excess emissions have been removed because Section C - Response to Excursions or Exceedances already requires response steps related to exceedances and excess emissions minimization. The start of the timelines was switched from "the receipt of the test results" to "the date of the test". There was confusion if the "receipt" was by IDEM, the Permittee, or someone else. Since the start of the timelines has been

moved up, the length of the timelines was increased. The new timelines require action within a comparable timeline; and the new timelines still ensure that the Permittee will return to compliance within a reasonable timeframe.

15. The voice of paragraph (b) of Section C - General Record Keeping Requirements has been changed to clearly indicate that it is the Permittee that must follow the requirements of the paragraph.

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

The Permittee owns and operates a stationary automobile parts production plant for machining and surface coating of auto parts operation.

Source Address:	1496 Gerber Street, Ligonier, Indiana 46767
Mailing Address:	1496 Gerber Street, Ligonier, Indiana 46767
General Source Phone Number:	(260) 894-7199
SIC Code:	3499 (Fabricated Metal Products, Not Elsewhere Classified)
County Location:	Noble
Source Location Status:	Attainment for all criteria pollutants
Source Status:	Minor Source Operating Permit Program Minor Source, under PSD and Emission Offset Rules Minor Source, Section 112 of the Clean Air Act Not 1 of 28 Source Categories

A.2 Emission Units and Pollution Control Equipment Summary

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

...

- (j) One (1) spray booth, identified as P-10, approved in 2014 for construction, using (1) HVLP spray gun for the surface coating of metal parts, with a maximum capacity of 225 parts per hour, using dry filters for particulate control, and exhausting outdoors.**
- (jk) One (1) brush coater or timing mark station, identified as BC-1, constructed in 1989, with a maximum capacity of 100 units per hour, and exhausting to the atmosphere.
- (kl) One (1) brush coater or timing mark station, identified as BC-2, constructed in 1989, with a maximum capacity of 92 units per hour, and exhausting to the atmosphere.
- (lm) One (1) brush coater or timing mark station, identified as BC-3, constructed in 1989, with a maximum capacity of 92 units per hour, and exhausting to the atmosphere.
- (~~mn~~) One (1) brush coater or timing mark station, identified as BC-4, constructed in 1989, with a maximum capacity of 60 units per hour, and exhausting to the atmosphere.
- (~~no~~) One (1) adhesive roll coater, identified as AR-1, constructed in 1989, with a maximum capacity of 105 machined metal parts per hour, and exhausting to stack S-9.
- (~~op~~) One (1) adhesive roll coater, identified as AR-2, constructed in 2007, with a maximum capacity of 75 machined metal parts per hour, and exhausting to general ventilation.
- (~~pq~~) One (1) adhesive roll coater, identified as AR-3, constructed in 2007, with a maximum capacity of 85 machined metal parts per hour, and exhausting to general ventilation.
- (~~qr~~) One (1) rust inhibitor, identified as RI-1, constructed in 2007, with a maximum capacity of 75 machined metal parts per hour, exhausting to general ventilation.

- (fs) One (1) rust inhibitor, identified as RI-2, constructed in 2007, with a maximum capacity of 85 machined metal parts per hour, exhausting to general ventilation.
- (st) One (1) paint booth, identified as PB-1, constructed in 2007, with a maximum capacity of 85 machined metal parts per hour, using dry filters as particulate matter control, and exhausting to general ventilation.
- (tu) One (1) NMP washer, identified as N-1, constructed in 1989, with a maximum capacity of 105 machined metal parts per hour, exhausting to general ventilation.
- (uv) One (1) NMP washer, identified as N-2, constructed in 2007, with a maximum capacity of 75 machined metal parts per hour, and exhausting to stack S-7.
- (vw) One (1) NMP washer, identified as N-3, constructed in 2007, with a maximum capacity of 85 machined metal parts per hour, and exhausting to stack S-2.
- (x) **One (1) NMP washer, identified as N-4, approved in 2014 for construction, with a maximum capacity of 85 machined metal parts per hour, using no control, and exhausting outdoors.**
- (wy) ~~Four (4)~~ **Two (2)** Wabash rubber molding presses, identified as W-1-4 **and W-2**, constructed in 1989, with a maximum capacity of 81 lb/hr each, exhausting to stack S-5.
- (xz) Four (4) Rep rubber molding presses, identified as R-1-4, with units R-1 and R-2 constructed in 2002, and units R-3 and R-4 constructed in 2006, with a maximum capacity of 58.5 lb/hr each, exhausting to stacks S-13, S-21 and S-22.
- (aa) **Five (5) Rep rubber molding presses, identified as R-5 through R-9, approved in 2014 for construction, each with a maximum capacity of 58.5 pounds per hour, using no control, and exhausting outdoors.**
- (ybb) ~~Two (2)~~ **One (1)** Desma rubber molding press identified as D-1 ~~and D-2~~, constructed in 2008, with a maximum capacity of 60 lb/hr each, exhausting through roof stacks.
- (zcc) Two (2) electric Grieve post cure ovens, constructed in 2008, with a maximum throughput of 28.5 lb/hr of rubber each, exhausting to stacks GR1 and GR2.
- (dd) **One (1) electric Grieve post cure oven, approved in 2014 for construction, with a maximum throughput of 28.5 pounds per hour of rubber each, using no control, and exhausting outdoors.**
- (aeee) Three (3) enclosed mechanical shot blasters, identified as Blaster 1, Blaster 2 and Blaster 3. Blaster 1 was constructed in 1989, Blaster 2 and 3 were constructed in 2008, with a maximum capacity of 80 lb/hr of parts each, using baghouses as control and exhausting to the atmosphere.
- (bbff) Two (2) natural gas-fired heaters, rated at 0.2 million British thermal units (MMBTU) per hour each.
- (eeegg) One (1) natural gas-fired heater, rated at 0.1 million British thermal units (MMBTU) per hour.
- (ddhh) Three (3) natural gas-fired heaters, rated at 0.32 million British thermal units (MMBTU) per hour each.
- (eeii) Four (4) natural gas-fired sealer tank heaters, rated at 0.3 million British thermal units

(MMBTU) per hour each.

- (ffjj) Four (4) natural gas-fired wash tank heaters, rated at 0.4 million British thermal units (MMBTU) per hour each.
- (ggkk) Natural Gas-fired combustion sources with heat input equal to or less than ten million (10,000,000) Btu per hour.
- (hhll) Vessels storing the following: hydraulic oils, lubricating oils and machining fluids
- (iimm) Degreasing operations that do not exceed one hundred forty-five (145) gallons per twelve (12) months, except if subject to 326 IAC 20-6.
- (jjnn) Noncontact cooling tower systems with the following: forced and induced draft cooling tower systems not regulated under a NESHAP.
- (kkoo) Paved and unpaved roads and parking lots with public access.
- (lppp) Blowdown for the following: compressors

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

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

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

- ~~(a) This permit, M113-28237-00080, is issued for a fixed term of ten (10) years from the issuance date of this permit, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3. Subsequent revisions, modifications, or amendments of this permit do not affect the expiration date of this permit.~~
- ~~(b) If IDEM, OAQ, upon receiving a timely and complete renewal permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect, until the renewal permit has been issued or denied.~~

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

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

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

B.4 — ~~Enforceability~~

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

B.5 — ~~Severability~~

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

B.6 — ~~Property Rights or Exclusive Privilege~~

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

~~B.7 — Duty to Provide Information~~

- ~~(a) — The Permittee shall furnish to IDEM, OAQ, within a reasonable time, any information that IDEM, OAQ may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The submittal by the Permittee does require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1). Upon request, the Permittee shall also furnish to IDEM, OAQ copies of records required to be kept by this permit.~~
- ~~(b) — For information furnished by the Permittee to IDEM, OAQ, the Permittee may include a claim of confidentiality in accordance with 326 IAC 17.1. When furnishing copies of requested records directly to U. S. EPA, the Permittee may assert a claim of confidentiality in accordance with 40 CFR 2, Subpart B.~~

~~B.8 — Certification~~

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

~~B.9 — Annual Notification [326 IAC 2-6.1-5(a)(5)]~~

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

~~B.10 — Preventive Maintenance Plan [326 IAC 1-6-3]~~

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

~~B.11 — Prior Permits Superseded [326 IAC 2-1.1-9.5]~~

- ~~(a) — All terms and conditions of permits established prior to M113-28237-00080 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.12 — Termination of Right to Operate [326 IAC 2-6.1-7(a)]~~

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

~~B.13 — Permit Renewal [326 IAC 2-6.1-7]~~

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

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

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

- ~~(b) — A timely renewal application is one that is:
 - ~~(1) — Submitted at least one hundred twenty (120) days prior to the date of the expiration of this permit; and~~
 - ~~(2) — If the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the~~~~

document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.

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

~~B.14 — Permit Amendment or Revision [326 IAC 2-5.1-3(e)(3)][326 IAC 2-6.1-6]~~

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

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

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

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

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

~~B.15 — Source Modification Requirement~~

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

~~B.16 — Inspection and Entry~~

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

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

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

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

~~B.17 Transfer of Ownership or Operational Control [326 IAC 2-6.1-6]~~

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

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

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

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

~~B.18 Annual Fee Payment [326 IAC 2-1.1-7]~~

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

~~B.19 Credible Evidence [326 IAC 1-1-6]~~

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

SECTION C SOURCE OPERATION CONDITIONS

Entire Source

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

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

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

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

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

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

~~C.3 — Opacity [326 IAC 5-1]~~

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

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

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

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

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

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

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

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

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

- ~~(a) — Notification requirements apply to each owner or operator. If the combined amount of regulated asbestos containing material (RACM) to be stripped, removed or disturbed is at least 260 linear feet on pipes or 160 square feet on other facility components, or at least thirty five (35) cubic feet on all facility components, then the notification requirements of 326 IAC 14-10-3 are mandatory. All demolition projects require notification whether or not asbestos is present.~~
- ~~(b) — The Permittee shall ensure that a written notification is sent on a form provided by the Commissioner at least ten (10) working days before asbestos stripping or removal work~~

~~or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:~~

~~(1) When the amount of affected asbestos containing material increases or decreases by at least twenty percent (20%); or~~

~~(2) If there is a change in the following:~~

~~(A) Asbestos removal or demolition start date;~~

~~(B) Removal or demolition contractor; or~~

~~(C) Waste disposal site.~~

~~(c) The Permittee shall ensure that the notice is postmarked or delivered according to the guidelines set forth in 326 IAC 14-10-3(2).~~

~~(d) The notice to be submitted shall include the information enumerated in 326 IAC 14-10-3(3).~~

~~All required notifications shall be submitted to:~~

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

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

~~(e) Procedures for Asbestos Emission Control~~

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

~~(f) Demolition and Renovation~~

~~The Permittee shall thoroughly inspect the affected facility or part of the facility where the demolition or renovation will occur for the presence of asbestos pursuant to 40 CFR 61.145(a).~~

~~(g) Indiana Licensed Asbestos Inspector~~

~~The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Licensed Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos. The requirement to use an Indiana Licensed Asbestos inspector is not federally enforceable.~~

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

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

~~(a) All testing shall be performed according to the provisions of 326 IAC 3-6 (Source Sampling Procedures), except as provided elsewhere in this permit, utilizing any~~

~~applicable procedures and analysis methods specified in 40 CFR 51, 40 CFR 60, 40 CFR 61, 40 CFR 63, 40 CFR 75, or other procedures approved by IDEM, OAQ.~~

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

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

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

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

Compliance Requirements [326 IAC 2-1.1-11]

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

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

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

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

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

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

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

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

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

Corrective Actions and Response Steps

G.13 ~~Response to Excursions or Exceedances~~

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

- ~~(c) Unless otherwise specified in this permit, all reports required in Section D of this permit shall be submitted within thirty (30) days of the end of the reporting period. All reports do require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).~~
- ~~(d) Reporting periods are based on calendar years, unless otherwise specified in this permit. For the purpose of this permit "calendar year" means the twelve (12) month period from January 1 to December 31 inclusive.~~

SECTION B GENERAL CONDITIONS

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

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

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

-
- (a) This permit, 113-28237-00080, is issued for a fixed term of ten (10) years from the issuance date of this permit, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3. Subsequent revisions, modifications, or amendments of this permit do not affect the expiration date of this permit.
- (b) If IDEM, OAQ, upon receiving a timely and complete renewal permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect, until the renewal permit has been issued or denied.

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

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

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

B.4 Enforceability

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

B.5 Severability

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

B.6 Property Rights or Exclusive Privilege

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

B.7 Duty to Provide Information

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

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

- (a) An annual notification shall be submitted by an authorized individual to the Office of Air Quality stating whether or not the source is in operation and in compliance with the terms and conditions contained in this permit.
- (b) The annual notice shall be submitted in the format attached no later than March 1 of each year to:

Indiana Department of Environmental Management
Compliance and Enforcement Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251
- (c) The notification shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.

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

- (a) A Preventive Maintenance Plan meets the requirements of 326 IAC 1-6-3 if it includes, at a minimum:
 - (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;
 - (2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and
 - (3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

The Permittee shall implement the PMPs.

- (b) If required by specific condition(s) in Section D of this permit where no PMP was previously required, the Permittee shall prepare and maintain Preventive Maintenance Plans (PMPs) no later than ninety (90) days after issuance of this permit or ninety (90) days after initial start-up, whichever is later, including the following information on each facility:
 - (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;

- (2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and
- (3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

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

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

The Permittee shall implement the PMPs.

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

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

- (a) All terms and conditions of permits established prior to 113-28237-00080 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.11 Termination of Right to Operate [326 IAC 2-6.1-7(a)]

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

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

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

that the statements in the application are true and complete by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

Request for renewal shall be submitted to:

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

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

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

- (a) Permit amendments and revisions are governed by the requirements of 326 IAC 2-6.1-6 whenever the Permittee seeks to amend or modify this permit.**
- (b) Any application requesting an amendment or modification of this permit shall be submitted to:**
- Indiana Department of Environmental Management
Permit Administration and Support Section, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251**
- (c) The Permittee shall notify the OAQ no later than thirty (30) calendar days of implementing a notice-only change. [326 IAC 2-6.1-6(d)]**

B.14 Source Modification Requirement

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

B.15 Inspection and Entry

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

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

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

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

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

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

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

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

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

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

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

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

SECTION C SOURCE OPERATION CONDITIONS

Entire Source

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

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

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

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

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

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

C.3 Opacity [326 IAC 5-1]

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

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

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

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

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

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

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

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

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

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

All required notifications shall be submitted to:

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

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

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

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

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

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

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

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

Compliance Requirements [326 IAC 2-1.1-11]

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

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

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

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

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

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

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

Corrective Actions and Response Steps

C.12 Response to Excursions or Exceedances

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

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

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

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

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

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

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

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

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

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

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

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

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

**Indiana Department of Environmental Management
Compliance and Enforcement Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251**
- (b) **Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.**
- (c) **Reporting periods are based on calendar years, unless otherwise specified in this permit. For the purpose of this permit “calendar year” means the twelve (12) month period from January 1 to December 31 inclusive.**

SECTION D.1 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

- (j) **One (1) spray booth, identified as P-10, approved in 2014 for construction, using (1) HVLP spray gun for the surface coating of metal parts, with a maximum capacity of 225 parts per hour, using dry filters for particulate control, and exhausting outdoors.**
- (jk) **One (1) brush coater or timing mark station, identified as BC-1, constructed in 1989, with a maximum capacity of 100 units per hour, and exhausting to the atmosphere.**
- (kl) **One (1) brush coater or timing mark station, identified as BC-2, constructed in 1989, with a maximum capacity of 92 units per hour, and exhausting to the atmosphere.**
- (lm) **One (1) brush coater or timing mark station, identified as BC-3, constructed in 1989, with a maximum capacity of 92 units per hour, and exhausting to the atmosphere.**

- (~~mn~~) One (1) brush coater or timing mark station, identified as BC-4, constructed in 1989, with a maximum capacity of 60 units per hour, and exhausting to the atmosphere.
- (~~no~~) One (1) adhesive roll coater, identified as AR-1, constructed in 1989, with a maximum capacity of 105 machined metal parts per hour, and exhausting to stack S-9.
- (~~op~~) One (1) adhesive roll coater, identified as AR-2, constructed in 2007, with a maximum capacity of 75 machined metal parts per hour, and exhausting to general ventilation.
- (~~pq~~) One (1) adhesive roll coater, identified as AR-3, constructed in 2007, with a maximum capacity of 85 machined metal parts per hour, and exhausting to general ventilation.
- (~~qr~~) One (1) rust inhibitor, identified as RI-1, constructed in 2007, with a maximum capacity of 75 machined metal parts per hour, exhausting to general ventilation.
- (~~rs~~) One (1) rust inhibitor, identified as RI-2, constructed in 2007, with a maximum capacity of 85 machined metal parts per hour, exhausting to general ventilation.
- (~~st~~) One (1) paint booth, identified as PB-1, constructed in 2007, with a maximum capacity of 85 machined metal parts per hour, using dry filters as particulate matter control, and exhausting to general ventilation.
- (~~tu~~) One (1) NMP washer, identified as N-1, constructed in 1989, with a maximum capacity of 105 machined metal parts per hour, exhausting to general ventilation.
- (~~uv~~) One (1) NMP washer, identified as N-2, constructed in 2007, with a maximum capacity of 75 machined metal parts per hour, and exhausting to stack S-7.
- (~~vw~~) One (1) NMP washer, identified as N-3, constructed in 2007, with a maximum capacity of 85 machined metal parts per hour, and exhausting to stack S-2.
- (**x**) **One (1) NMP washer, identified as N-4, approved in 2014 for construction, with a maximum capacity of 85 machined metal parts per hour, using no control, and exhausting outdoors.**
- (~~wy~~) ~~Four (4)~~ **Two (2)** Wabash rubber molding presses, identified as W-1-4 **and W-2**, constructed in 1989, with a maximum capacity of 81 lb/hr each, exhausting to stack S-5.
- (~~xz~~) Four (4) Rep rubber molding presses, identified as R-1-4, with units R-1 and R-2 constructed in 2002, and units R-3 and R-4 constructed in 2006, with a maximum capacity of 58.5 lb/hr each, exhausting to stacks S-13, S-21 and S-22.
- (**aa**) **Five (5) Rep rubber molding presses, identified as R-5 through R-9, approved in 2014 for construction, each with a maximum capacity of 58.5 pounds per hour, using no control, and exhausting outdoors.**
- (~~ybb~~) ~~Two (2)~~ **One (1)** Desma rubber molding press, identified as D-1 ~~and D-2~~, constructed in 2008, with a maximum capacity of 60 lb/hr each, exhausting through roof stacks.
- (~~zcc~~) Two (2) electric Grieve post cure ovens, constructed in 2008, with a maximum throughput of 28.5 lb/hr of rubber each, exhausting to stacks GR1 and GR2.
- (**dd**) **One (1) electric Grieve post cure oven, approved in 2014 for construction, with a maximum throughput of 28.5 pounds per hour of rubber each, using no control, and exhausting outdoors.**

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

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

D.1.1 Volatile Organic Compounds (VOC) [326 IAC 8-3-2]

- (a) Pursuant to 326 IAC 8-3-2(a) (Cold Cleaner Degreaser Control Equipment and Operating Requirements, the owner or operator of a cold cleaner degreaser shall ensure that the following control equipment and operating requirements are met:**
- (1) Equip the degreaser with a cover.**
 - (2) Equip the degreaser with a device for draining cleaned parts.**
 - (3) Close the cover whenever articles are not being handled in the degreaser.**
 - (4) Drain cleaned articles for at least fifteen (15) seconds or until dripping ceases.**
 - (5) Provide a permanent, conspicuous label that lists the operating requirements in subdivisions (3), (4), (6), and (7).**
 - (6) Store waste solvent only in closed containers.**
 - (7) Prohibit the disposal or transfer of waste solvent in such a manner could allow greater than twenty percent (20%) of the waste solvent by weight to evaporate.**
- (b) The owner or operator of a cold cleaner degreaser subject to this subsection shall ensure the following additional control equipment and operating requirements are met:**
- (1) Equip the degreaser with one (1) of the following control devices if the solvent is heated to a temperature of greater than forty-eight and nine-tenths (48.9) degrees Celsius (one hundred twenty (120) degrees Fahrenheit):**
 - (A) A freeboard that attains a freeboard ratio of seventy-five hundredths (0.75) or greater.**
 - (B) A water cover when solvent used is insoluble in, and heavier than, water.**
 - (C) A refrigerated chiller.**
 - (D) Carbon adsorption.**
 - (E) An alternative system of demonstrated equivalent or better control as those outlined in clauses (A) through (D) that is approved by the department. An alternative system shall be submitted to the U.S. EPA as a SIP revision.**
 - (2) Ensure that the degreaser cover is designed so that it can be easily operated with one (1) hand if the solvent is agitated or heated.**

(3) If used, solvent spray:

(A) must be a solid, fluid stream; and

(B) shall be applied at a pressure that does not cause excessive splashing.

~~Pursuant to 326 IAC 8-3-2 (Cold Cleaner Operations), the NMP washers, units N-1, N-2 and N-3, cold cleaning operations constructed after January 1, 1980, the Permittee shall:~~

- ~~(a) Equip the cleaner with a cover;~~
- ~~(b) Equip the cleaner with a facility for draining cleaned parts;~~
- ~~(c) Close the degreaser cover whenever parts are not being handled in the cleaner;~~
- ~~(d) Drain cleaned parts for at least fifteen (15) seconds or until dripping ceases;~~
- ~~(e) Provide a permanent, conspicuous label summarizing the operation requirements;~~
- ~~(f) Store waste solvent only in covered containers and not dispose of waste solvent or transfer it to another party, in such a manner that greater than twenty percent (20%) of the waste solvent (by weight) can evaporate into the atmosphere.~~

~~D.1.2 Volatile Organic Compounds (VOC) [326 IAC 8-3-5]~~

~~(a) Pursuant to 326 IAC 8-3-5(a) (Cold Cleaner Degreaser Operation and Control), the NMP washers, units N-1, N-2 and N-3, cold cleaner degreaser operations without remote solvent reservoirs constructed after July 1, 1990, the Permittee shall ensure that the following control equipment requirements are met:~~

- ~~(1) Equip the degreaser with a cover. The cover must be designed so that it can be easily operated with one (1) hand if:
 - ~~(A) The solvent volatility is greater than two (2) kiloPascals (fifteen (15) millimeters of mercury or three-tenths (0.3) pounds per square inch) measured at thirty-eight degrees Celsius (38°C) (one hundred degrees Fahrenheit (100°F));~~
 - ~~(B) The solvent is agitated; or~~
 - ~~(C) The solvent is heated.~~~~
- ~~(2) Equip the degreaser with a facility for draining cleaned articles. If the solvent volatility is greater than four and three-tenths (4.3) kiloPascals (thirty-two (32) millimeters of mercury or six-tenths (0.6) pounds per square inch) measured at thirty-eight degrees Celsius (38°C) (one hundred degrees Fahrenheit (100°F)), then the drainage facility must be internal such that articles are enclosed under the cover while draining. The drainage facility may be external for applications where an internal type cannot fit into the cleaning system.~~
- ~~(3) Provide a permanent, conspicuous label which lists the operating requirements outlined in subsection (b).~~
- ~~(4) The solvent spray, if used, must be a solid, fluid stream and shall be applied at a pressure which does not cause excessive splashing.~~
- ~~(5) Equip the degreaser with one (1) of the following control devices if the solvent~~

~~volatility is greater than four and three tenths (4.3) kiloPascals (thirty-two (32) millimeters of mercury or six tenths (0.6) pounds per square inch) measured at thirty-eight degrees Celsius (38°C) (one hundred degrees Fahrenheit (100°F)), or if the solvent is heated to a temperature greater than forty-eight and nine tenths degrees Celsius (48.9°C) (one hundred twenty degrees Fahrenheit (120°F)):~~

- ~~(A) — A freeboard that attains a freeboard ratio of seventy five hundredths (0.75) or greater.~~
- ~~(B) — A water cover when solvent is used is insoluble in, and heavier than, water.~~
- ~~(C) — Other systems of demonstrated equivalent control such as a refrigerated chiller of carbon adsorption. Such systems shall be submitted to the U.S. EPA as a SIP revision.~~

~~(b) — Pursuant to 326 IAC 8-3-5(b) (Cold Cleaner Degreaser Operation and Control), the owner or operator of a cold cleaning facility construction of which commenced after July 1, 1990, shall ensure that the following operating requirements are met:~~

- ~~(1) — Close the cover whenever articles are not being handled in the degreaser.~~
- ~~(2) — Drain cleaned articles for at least fifteen (15) seconds or until dripping ceases.~~
- ~~(3) — Store waste solvent only in covered containers and prohibit the disposal or transfer of waste solvent in any manner in which greater than twenty percent (20%) of the waste solvent by weight could evaporate.~~

D.1.2 Material requirements for cold cleaner degreasers [326 IAC 8-3-8]

Effective January 1, 2015, the NMP washers are subject to the requirements of 326 IAC 8-3-8. Pursuant to 326 IAC 8-3-8(b)(2), the Permittee shall not operate a cold cleaner degreaser with a solvent that has a VOC composite partial vapor pressure that exceeds one (1) millimeter of mercury (nineteen-thousandths (0.019) pound per square inch) measured at twenty (20) degrees Celsius (sixty eight (68) degrees Fahrenheit).

...

D.1.4 Preventive Maintenance Plan [326 IAC 1-6-3]

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

~~A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for this facility and any control devices~~

...

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

D.1.7 Record Keeping Requirements

(a) To document the compliance status with Condition D.1.2, on and after January 1, 2015, the Permittee shall maintain the following records for each purchase of solvent used in the NMP washers. These records shall be retained on-site or accessible electronically for the most recent three (3) year period and shall be reasonably accessible for an additional two (2) year period.

- (1) The name and address of the solvent supplier.**

- (2) **The date of purchase (or invoice/bill date of contract servicer indicating service date).**
 - (3) **The type of solvent purchased.**
 - (4) **The total volume of the solvent purchased**
 - (5) **The true vapor pressure of the solvent measured in millimeters of mercury at twenty (20) degrees Celsius (sixty-eight (68) degrees Fahrenheit).**
- (ab) In order to comply with Condition D.1.6, the Permittee shall maintain a copy of the operator-training program, all training records including the list of trained operators.
- (c) **Section C - General Record Keeping Requirements contains the Permittee's obligations with regard to the records required by this condition.** ~~All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.~~

SECTION D.2 FACILITY OPERATION CONDITIONS

Emissions Unit Description:

- (~~aaee~~) Three (3) enclosed mechanical shot blasters, identified as Blaster 1, Blaster 2 and Blaster 3. Blaster 1 was constructed in 1989, Blaster 2 and 3 were constructed in 2008, with a maximum capacity of 80 lb/hr of parts each, using baghouses as control and exhausting to the atmosphere.

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

...

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 24, 2014.

The construction and operation of this proposed revision shall be subject to the conditions of the attached proposed MSOP Administrative Amendment No. 113-35077-00080. The staff recommends to the Commissioner that this MSOP Administrative Amendment be approved.

IDEM Contact

- (a) Questions regarding this proposed permit can be directed to Ryan Graunke 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) 234-5374 or toll free at 1-800-451-6027 extension 4-5374.
- (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 Permit Guide on the Internet at: <http://www.in.gov/idem/5881.htm>; and the Citizens' Guide to IDEM on the Internet at: <http://www.in.gov/idem/6900.htm>.

**Appendix A: Emissions Calculations
Source Summary**

Company Name: Vibracoustics North America, L.P.
Address City IN Zip: 1496 Gerber Street, Ligonier, IN 46767
MSOP Renewal No.: M113-28237-00080
Administrative Amendment No.: 113-35077-00080
Reviewer: Ryan Graunke

Unlimited PTE (ton/yr)

Process	Emission Unit ID	PM	PM ₁₀	PM _{2.5}	SO ₂	NO _x	VOC	CO	Total HAPs	Single HAPs	
Spray booth	P-1	11.07	11.07	11.07	-	-	-	-	-	-	-
Spray booth	P-2	5.45	5.45	5.45	-	-	1.16	-	0.84	0.84	Ethylene Glycol
Spray shadow booth	P-3	2.60	2.60	2.60	-	-	0.26	-	-	-	-
Spray final booth	P-4	5.21	5.21	5.21	-	-	0.51	-	-	-	-
Spray shadow booth	P-5	2.60	2.60	2.60	-	-	0.26	-	-	-	-
Spray final booth	P-6	5.21	5.21	5.21	-	-	0.51	-	-	-	-
Spray booth	P-7	5.19	5.19	5.19	-	-	1.11	-	0.80	0.80	Ethylene Glycol
Spray booth	P-8	3.11	3.11	3.11	-	-	0.66	-	0.48	0.48	Ethylene Glycol
Spray booth	P-9	7.63	7.63	7.63	-	-	1.63	-	0.70	0.70	MIBK
Spray booth	P-10	3.65	3.65	3.65	-	-	0.51	-	-	-	-
Brush coater/time mark station	BC-1	-	-	-	-	-	0.03	-	-	-	-
Brush coater/time mark station	BC-2	-	-	-	-	-	0.03	-	-	-	-
Brush coater/time mark station	BC-3	-	-	-	-	-	0.04	-	-	-	-
Brush coater/time mark station	BC-4	-	-	-	-	-	0.04	-	-	-	-
Adhesive roll coater	AR-1	-	-	-	-	-	-	-	2.14	2.14	MDI
Adhesive roll coater	AR-2	-	-	-	-	-	-	-	1.53	1.53	MDI
Adhesive roll coater	AR-3	-	-	-	-	-	-	-	1.73	1.73	MDI
Rust inhibitor spray booth	RI-1	0.02	0.02	0.02	-	-	0.60	-	-	-	-
Rust inhibitor spray booth	RI-2	0.02	0.02	0.02	-	-	0.68	-	-	-	-
Paint booth	PB-1	4.41	4.41	4.41	-	-	0.94	-	0.68	0.68	Ethylene Glycol
NMP washer	N-1	-	-	-	-	-	1.50	-	0.075	0.075	Ethylene Glycol
NMP washer	N-2	-	-	-	-	-	0.90	-	0.045	0.045	Ethylene Glycol
NMP washer	N-3	-	-	-	-	-	1.20	-	0.060	0.060	Ethylene Glycol
NMP washer	N-4	-	-	-	-	-	0.89	-	0.045	0.045	Ethylene Glycol
Wabash rubber molding presses	W-1, W-2	-	-	-	-	-	1.24	-	0.36	0.31	Acetophenone
Rep rubber molding presses	R-1 to R-9	-	-	-	-	-	4.04	-	1.17	1.01	Acetophenone
Desma rubber molding press	D-1	-	-	-	-	-	0.46	-	0.13	0.12	Acetophenone
Grieve rubber post cure ovens	G-1 to G-3	-	-	-	-	-	7.00	-	1.31	1.04	Hexane
Shot blaster	Blaster 1	3.40	2.38	2.38	-	-	-	-	-	-	-
Shot blaster	Blaster 2	3.40	2.38	2.38	-	-	-	-	-	-	-
Shot blaster	Blaster 3	3.40	2.38	2.38	-	-	-	-	-	-	-
Natural gas combustion	-	0.03	0.14	0.14	0.01	1.83	0.10	1.54	0.035	0.033	Hexane
Total	-	66.4	63.4	63.4	0.01	1.83	26.3	1.54	12.11	5.40	MDI

**Appendix A: Emissions Calculations
PTE of modification**

Company Name: Vibracoustics North America, L.P.
Address City IN Zip: 1496 Gerber Street, Ligonier, IN 46767
MSOP Renewal No.: M113-28237-00080
Administrative Amendment No.: 113-35077-00080
Reviewer: Ryan Graunke

Process	Emission Unit ID	PM	PM ₁₀	PM _{2.5}	SO ₂	NO _x	VOC	CO	Total HAPs	Single HAPs	
Spray booth	P-10	3.65	3.65	3.65	-	-	0.51	-	-	-	-
NMP washer	N-4	-	-	-	-	-	0.89	-	0.04	0.04	Ethylene Glycol
Rubber presses	R-5 to R-9	-	-	-	-	-	2.25	-	0.65	0.56	Acetophenone
Grieve oven	GR-3	-	-	-	-	-	2.33	-	0.44	0.35	Hexane
Total		3.65	3.65	3.65	-	-	5.98	-	1.13	0.56	Acetophenone

**Appendix A: Emissions Calculations
Spray booths - VOC & PM**

Company Name: Vibracoustics North America, L.P.
Address City IN Zip: 1496 Gerber Street, Ligonier, IN 46767
MSOP Renewal No.: M113-28237-00080
Administrative Amendment No.: 113-35077-00080
Reviewer: Ryan Graunke

Emission unit ID	Material	Density (lb/gal)	Weight % Volatile (Water & Organics)	Weight % Water	Weight % VOC	Volume % Water	Volume % Solids	Usage rate (gal/unit)	Maximum throughput (unit/hr)	Maximum usage (gal/day)	VOC content (lb/gal coating)	VOC content (lb/gal coating less water)	VOC content (lb/gal coating solids)	PTE of VOC (lb/hr)	PTE of VOC (lb/day)	PTE of VOC (ton/yr)	PTE of PM (ton/yr)	Transfer Efficiency
Spray booths																		
P-1	Struktol SCA 1100	7.91	0.00%	0.00%	0.00%	0.00%	0.0%	0.00355	100.00	8.52	-	-	-	-	-	-	11.07	10%
P-2	Kalcor 094-91110	10.10	6.94%	0.00%	6.94%	0.00%	59.9%	0.00360	105.00	9.07	0.70	0.70	1.17	0.26	6.36	1.16	5.45	65%
P-3	Kalcor 094-9218FR	11.30	4.70%	0.00%	4.70%	0.00%	37.0%	0.00120	92.00	2.65	0.53	0.53	1.44	0.06	1.41	0.26	2.60	50%
P-4	Kalcor 094-9218FR	11.30	4.70%	0.00%	4.70%	0.00%	37.0%	0.00240	92.00	5.30	0.53	0.53	1.44	0.12	2.81	0.51	5.21	50%
P-5	Kalcor 094-9218FR	11.30	4.70%	0.00%	4.70%	0.00%	37.0%	0.00120	92.00	2.65	0.53	0.53	1.44	0.06	1.41	0.26	2.60	50%
P-6	Kalcor 094-9218FR	11.30	4.70%	0.00%	4.70%	0.00%	37.0%	0.00240	92.00	5.30	0.53	0.53	1.44	0.12	2.81	0.51	5.21	50%
P-7	Kalcor 094-91110	10.10	6.94%	0.00%	6.94%	0.00%	59.9%	0.00360	100.00	8.64	0.70	0.70	1.17	0.25	6.06	1.11	5.19	65%
P-8	Kalcor 094-91110	10.10	6.94%	0.00%	6.94%	0.00%	59.9%	0.00360	60.00	5.18	0.70	0.70	1.17	0.15	3.63	0.66	3.11	65%
P-9	VCT Blend	6.60	6.94%	0.00%	6.94%	0.00%	59.9%	0.00360	225.00	19.44	0.46	0.46	0.76	0.37	8.90	1.63	7.63	65%
P-10	Kalcor 094-9218FR	11.30	4.70%	0.00%	4.70%	0.00%	37.0%	0.00240	92.00	5.30	0.53	0.53	1.44	0.12	2.81	0.51	3.65	65%
Brush coater or time mark stations																		
BC-1	Carco F-224	9.19	80.0%	0.00%	80.00%	0.00%	10.0%	0.00001	100.00	0.02	7.35	7.35	73.52	0.01	0.18	0.03	0.00	100%
BC-2	Carco F-225	10.19	80.0%	0.00%	80.00%	0.00%	10.0%	0.00001	92.00	0.02	8.15	8.15	81.52	0.01	0.18	0.03	0.00	100%
BC-3	Carco F-226	11.19	80.0%	0.00%	80.00%	0.00%	10.0%	0.00001	92.00	0.02	8.95	8.95	89.52	0.01	0.20	0.04	0.00	100%
BC-4	Carco F-227	12.19	80.0%	0.00%	80.00%	0.00%	10.0%	0.00001	92.00	0.02	9.75	9.75	97.52	0.01	0.22	0.04	0.00	100%
Adhesive roll coaters																		
AR-1	Rubinate M	10.33	0.00%	0.00%	0.00%	0.00%	100.0%	0.0010	105.00	2.52	-	-	-	-	-	-	-	100%
AR-2	Rubinate M	10.33	0.00%	0.00%	0.00%	0.00%	100.0%	0.0010	75.00	1.80	-	-	-	-	-	-	-	100%
AR-3	Rubinate M	10.33	0.00%	0.00%	0.00%	0.00%	100.0%	0.0010	85.00	2.04	-	-	-	-	-	-	-	100%
Rust inhibitor spray booths																		
RI-1	Rust Veto 4240	6.46	94.0%	0.00%	94.00%	0.00%	6.0%	0.0003	75.00	0.54	6.07	6.07	101.21	0.14	3.28	0.60	0.02	50%
RI-2	Rust Veto 4240	6.46	94.0%	0.00%	94.00%	0.00%	6.0%	0.0003	85.00	0.61	6.07	6.07	101.21	0.15	3.72	0.68	0.02	50%
Paint booth																		
PB-1	Kalcor 094-91110	10.10	6.94%	0.00%	6.94%	0.00%	59.9%	0.0036	85.00	7.34	0.70	0.70	1.17	0.21	5.15	0.94	4.41	65%
Totals:														2.05	49.12	8.96	56.16	

Notes:
 Transfer Efficiency for HVLP and flat coated surface is 65%
 Transfer Efficiency for air atomization spray and flat coated surface is 50%
 PM=PM₁₀=PM_{2.5}

Methodology:
 Weight % VOC = Weight % Volatile (Water & Organics) - Weight % Water
 Volume % Water = Weight % Water * Density (lb/gal) / Density of water (8.34 lb/gal)
 Maximum usage (gal/day) = Usage rate (gal/unit) * Maximum throughput (unit/hr) * 24 hrs/day
 VOC content (lb/gal coating) = Density (lb/gal) * Weight % VOC
 VOC content (lb/gal coating less coating) = Density (lb/gal) * Weight % VOC / (1-Volume % Water)
 VOC content (lb/gal coating solids) = Density (lb/gal) * Weight % VOC / Volume % Solids
 PTE of VOC (lb/hr) = VOC content (lb/gal coating) * Usage rate (gal/unit) * Maximum throughput (unit/hr)
 PTE of VOC (lb/day) = VOC content (lb/gal coating) * Usage rate (gal/unit) * Maximum throughput (unit/hr) * 24 hrs/day
 PTE of VOC (ton/yr) = VOC content (lb/gal coating) * Usage rate (gal/unit) * Maximum throughput (unit/hr) * 8760 hrs/yr * 1 ton/2000 lbs
 PTE of PM (ton/yr) = Usage rate (gal/unit) * Maximum throughput (unit/hr) * Density (lb/gal) * (1-Weight % volatile) * (1-Transfer efficiency) * 8760 hrs/yr * 1 ton/2000 lbs

**Appendix A: Emissions Calculations
Spray booths - HAPs**

Company Name: Vibracoustics North America, L.P.
Address City IN Zip: 1496 Gerber Street, Ligonier, IN 46767
MSOP Renewal No.: M113-28237-00080
Administrative Amendment No.: 113-35077-00080
Reviewer: Ryan Graunke

Emission unit	Material	Density (lb/gal)	Usage rate (gal/unit)	Maximum throughput (unit/hr)	MDI		Ethylene Glycol		MIBK	
					% Weight	PTE (ton/yr)	% Weight	PTE (ton/yr)	% Weight	PTE (ton/yr)
Spray booths										
P-1	Struktol SCA 1100	7.91	0.00355	100.00	-	-	-	-	-	-
P-2	Kalcor 094-91110	10.10	0.00360	105.00	-	-	5%	0.84	-	-
P-3	Kalcor 094-9218FR	11.30	0.00120	92.00	-	-	-	-	-	-
P-4	Kalcor 094-9218FR	11.30	0.00240	92.00	-	-	-	-	-	-
P-5	Kalcor 094-9218FR	11.30	0.00120	92.00	-	-	-	-	-	-
P-6	Kalcor 094-9218FR	11.30	0.00240	92.00	-	-	-	-	-	-
P-7	Kalcor 094-91110	10.10	0.00360	100.00	-	-	5%	0.80	-	-
P-8	Kalcor 094-91110	10.10	0.00360	60.00	-	-	5%	0.48	-	-
P-9	VCT Blend	6.60	0.00360	225.00	-	-	-	-	3%	0.70
P-10	Kalcor 094-9218FR	11.30	0.00120	92.00	-	-	-	-	-	-
Brush coater/time mark stations										
BC-1	Carco F-224	9.19	0.00001	100.00	-	-	-	-	-	-
BC-2	Carco F-225	10.19	0.00001	92.00	-	-	-	-	-	-
BC-3	Carco F-226	11.19	0.00001	92.00	-	-	-	-	-	-
BC-4	Carco F-227	12.19	0.00001	92.00	-	-	-	-	-	-
Adhesive roll coaters										
AR-1	Rubinate M	10.33	0.0010	105.00	45%	2.14	-	-	-	-
AR-2	Rubinate M	10.33	0.0010	75.00	45%	1.53	-	-	-	-
AR-3	Rubinate M	10.33	0.0010	85.00	45%	1.73	-	-	-	-
Rust inhibitor spray booths										
RI-1	Rust Veto 4240	6.46	0.0003	75.00	-	-	-	-	-	-
RI-2	Rust Veto 4240	6.46	0.0003	85.00	-	-	-	-	-	-
Paint booth										
PB-1	Kalcor 094-91110	10.10	0.0036	85.00	-	-	5%	0.68	-	-
Totals:						1.73		0.68		0.00

Notes:
MDI = Diphenylmethane Diisocyanate

Methodology:
PTE of HAP (ton/yr) = Weight % HAP * Usage rate (gal/unit) * Maximum throughput (unit/hr) * Density (lb/gal) * 8760 hrs/yr * 1 ton/2000 lbs

**Appendix A: Emissions Calculations
NMP washers**

Company Name: Vibracoustics North America, L.P.
Address City IN Zip: 1496 Gerber Street, Ligonier, IN 46767
MSOP Renewal No.: M113-28237-00080
Administrative Amendment No.: 113-35077-00080
Reviewer: Ryan Graunke

Emission unit ID	Material	Density (lb/gal)	Weight % VOC	Maximum usage (gal/hr)	PTE of VOC (lb/hr)	PTE of VOC (lb/day)	PTE of VOC (ton/yr)	HAPs	
								Weight % Ethylene Glycol	PTE of Ethylene Glycol (ton/yr)
N-1	SP-708	8.54	100.00%	0.040	0.34	8.20	1.50	5.0%	0.07
N-2	SP-708	8.54	100.00%	0.024	0.20	4.92	0.90	5.0%	0.04
N-3	SP-708	8.54	100.00%	0.032	0.27	6.56	1.20	5.0%	0.06
N-4	SP-708	8.54	100.00%	0.024	0.20	4.88	0.89	5.0%	0.04
Totals:					1.02	24.56	4.48		0.22

Note:

The maximum capacity of N-4 is 4.00 gallons per week. (gal/hr = 4.00 gal/wk / (24 hr/day * 7 day/wk))

Methodology:

PTE of VOC (lb/hr) = Density (lb/gal) * Weight % VOC * Maximum usage (gal/hr)

PTE of VOC (lb/day) = PTE of VOC (lb/hr) * 24 hrs/day

PTE of VOC (ton/yr) = PTE of VOC (lb/hr) * 8760 hrs/yr * 1 ton/2000 lbs

PTE of HAPs (ton/yr) = Density (lb/gal) * Weight % HAP * Maximum throughput (unit/hr) * 8760 hrs/yr * 1 ton/2000 lbs

Appendix A: Emissions Calculations
Rubber molding presses

Company Name: Vibracoustics North America, L.P.
Address City IN Zip: 1496 Gerber Street, Ligonier, IN 46767
MSOP Renewal No.: M113-28237-00080
Administrative Amendment No.: 113-35077-00080
Reviewer: Ryan Graunke

Process	Emission unit ID	Number of units	Maximum capacity (each) (lb rubber/hr)	Maximum capacity (total) (lb rubber/hr)
Wabash presses	W-1 to W-2	2	81	162
Rep presses	R-1 to R-4	4	58.5	234
New Rep presses	R-5 to R-9	5	58.5	292.5
Desma press	D-1	1	60	60

Emission factors (lb pollutant/lb rubber)

VOC	1,1,1-Trichloroethane	1,3-Butadiene	2-Butanone	Acetaldehyde	Acetophenone	Carbon Disulfide	Di-n-butylphthalate	Hexane	Naphthalene	Toluene	Total HAPs
0.00175	4.20E-06	7.53E-06	3.02E-06	7.64E-06	4.39E-04	4.20E-06	7.16E-06	1.64E-05	4.04E-06	2.72E-06	5.05E-04

PTE (ton/yr)

Process	VOC	HAPs										
		1,1,1-Trichloroethane	1,3-Butadiene	2-Butanone	Acetaldehyde	Acetophenone	Carbon Disulfide	Di-n-butylphthalate	Hexane	Naphthalene	Toluene	Total HAPs
Wabash presses	1.24	0.003	0.005	0.002	0.005	0.312	0.003	0.005	0.012	0.003	0.002	0.359
Rep presses	1.80	0.004	0.008	0.003	0.008	0.450	0.004	0.007	0.017	0.004	0.003	0.518
New Rep presses	2.25	0.005	0.010	0.004	0.010	0.563	0.005	0.009	0.021	0.005	0.003	0.647
Desma press	0.46	0.001	0.002	0.001	0.002	0.116	0.001	0.002	0.004	0.001	0.001	0.133

Notes:

Emission factors from AP-42 Section 4.12 (Platen Press, Compound #9)
This table shows the ten highest HAPs, other HAPs available from AP-42 Section 4.12.

Methodology:

PTE of VOC/HAPs (ton/yr) = Rubber throughput (lb/hr) * VOC/HAP emission factor (lb/lb rubber) * 8760 hrs/yr * 1 ton/2000 lbs

**Appendix A: Emissions Calculations
Grieve rubber post cure ovens**

Company Name: Vibracoustics North America, L.P.
Address City IN Zip: 1496 Gerber Street, Ligonier, IN 46767
MSOP Renewal No.: M113-28237-00080
Administrative Amendment No.: 113-35077-00080
Reviewer: Ryan Graunke

Emission unit	Rubber throughput (each) (lb/hr)	VOC emission factor (lb/lb rubber)	Hexane emission factor (lb/lb rubber)	Total HAPs emission factor (lb/lb rubber)	PTE of VOC (ton/yr)	PTE of Hexane (ton/yr)	PTE of total HAPs
GR-1	28.5	0.0187	0.0028	0.0035	2.33	0.35	0.44
GR-2	28.5	0.0187	0.0028	0.0035	2.33	0.35	0.44
GR-3	28.5	0.0187	0.0028	0.0035	2.33	0.35	0.44

Notes:

There are 3 electric grieve ovens
Emission factors were provided by the source in the application for MSOP Renewal #113-28237-00080.
Hexane is the highest single HAP.

Methodology:

$\text{PTE of VOC/HAPs (ton/yr)} = \text{Rubber throughput (lb/hr)} * \text{VOC/HAP emission factor (lb/lb rubber)} * 8760 \text{ hrs/yr} * 1 \text{ ton/2000 lbs}$

**Appendix A: Emissions Calculations
Abrasive Blasting**

Company Name: Vibracoustics North America, L.P.
Address City IN Zip: 1496 Gerber Street, Ligonier, IN 46767
MSOP Renewal No.: M113-28237-00080
Administrative Amendment No.: 113-35077-00080
Reviewer: Ryan Graunke

Table 1 - Emission Factors for Abrasives

Abrasive	lb PM/lb abrasive	lb PM ₁₀ /lb PM
Sand	0.041	0.70
Grit	0.010	0.70
Steel Shot	0.004	0.86
Other	0.010	0.70

Table 2 - Density of Abrasives (lb/ft³)

Abrasive	Density (lb/ft ³)
Al oxides	160
Sand	99
Steel	487
Plastic	12.51

Table 3 - Sand Flow Rate Through Nozzle (lb/hr)

Flow rate of sand through a blasting nozzle as a function of nozzle pressure and internal diameter

Nozzle Type (diameter)	ID (in)	Nozzle Pressure (psig)							
		30	40	50	60	70	80	90	100
No. 2 (1/8 inch)	0.125	28	35	42	49	55	63	70	77
No. 3 (3/16 inch)	0.1875	65	80	94	107	122	135	149	165
No. 4 (1/4 inch)	0.25	109	138	168	195	221	255	280	309
No. 5 (5/16 inch)	0.3125	205	247	292	354	377	420	462	507
No. 6 (3/8 inch)	0.375	285	355	417	477	540	600	657	720
No. 7 (7/16 inch)	0.4375	385	472	560	645	755	820	905	940
No. 8 (1/2 inch)	0.5	503	615	725	835	945	1050	1160	1265
No. 10 (5/8 inch)	0.625	820	990	1170	1336	1510	1680	1850	2030
No. 12 (3/4 inch)	0.75	1140	1420	1670	1915	2160	2400	2630	2880
No. 16 (1 inch)	1	2030	2460	2900	3340	3780	4200	4640	5060

Adjusted flow rates for abrasive type used

Emission Unit	Abrasive type	Density of sand (lb/ft ³) (Table 2)	Sand flow rate (lb/hr) (Table 3)	Density of abrasive (lb/ft ³) (Table 2)	Flow rate of abrasive (lb/hr)
Blaster 1	Plastic	99	615	12.51	77.7
Blaster 2	Plastic	99	615	12.51	77.7
Blaster 3	Plastic	99	615	12.51	77.7

Uncontrolled PTE

Emission Unit	Number of nozzles	Fraction of time of wet blasting	Flow rate per nozzle (lb/hr)	Emission factors		Uncontrolled PTE - PM		Uncontrolled PTE - PM ₁₀	
				PM (lb/lb abrasive)	PM ₁₀ (lb/lb PM)	lb/hr	ton/yr	lb/hr	ton/yr
Blaster 1	1	0%	77.7	0.010	0.70	0.78	3.4	0.5	2.4
Blaster 2	1	0%	77.7	0.010	0.70	0.78	3.4	0.5	2.4
Blaster 3	1	0%	77.7	0.010	0.70	0.78	3.4	0.5	2.4

Controlled PTE

Emission Unit	Control Efficiency	Controlled PTE - PM		Controlled PTE - PM ₁₀	
		lb/hr	ton/yr	lb/hr	ton/yr
Blaster 1	99.9%	0.0008	0.0034	0.0005	0.0024
Blaster 2	99.9%	0.0008	0.0034	0.0005	0.0024
Blaster 3	99.9%	0.0008	0.0034	0.0005	0.0024

Notes:

ID = internal diameter of nozzle

Emission factors from STAPPA/ALAPCO "Air Quality Permits", Vol. I, Section 3 "Abrasive Blasting" (1991 edition)

PM₁₀=PM_{2.5}**Methodology:**

Flow rate of abrasive (lb/hr) = Sand flow rate (lb/hr) * (Density of abrasive / Density of sand)

Uncontrolled PTE of PM (lb/hr) = Flow rate (lb/hr) * PM emission factor (lb/lb abrasive) * (1 - Fraction of time of wet blasting/200) * Number of nozzles

Uncontrolled PTE of PM₁₀ (lb/hr) = Uncontrolled PTE of PM (lb/hr) * PM₁₀ emission factor (lb/lb PM)

Uncontrolled PTE (lb/day) = Uncontrolled PTE (lb/hr) * 24 hrs/day

Uncontrolled PTE (ton/yr) = Uncontrolled PTE (lb/hr) * 8760 hrs/yr * 1 ton/2000 lbs

Controlled PTE = Uncontrolled PTE * (1 - Control efficiency)

**Appendix A: Emissions Calculations
Natural Gas Combustion Only**

Company Name: Vibracoustics North America, L.P.
Address City IN Zip: 1496 Gerber Street, Ligonier, IN 46767
MSOP Renewal No.: M113-28237-00080
Administrative Amendment No.: 113-35077-00080
Reviewer: Ryan Graunke

Emission unit	Number of Units	Heat Input Capacity Each (MMBtu/hr/unit)	Total Potential Throughput (MMCF/yr)
Space heaters	3	0.32	8.2
Space heaters	2	0.20	3.4
Space heaters	1	0.10	0.9
Wash tank heaters	4	0.40	13.7
Sealer tank heaters	4	0.30	10.3
Totals:		4.260	36.6

	Pollutant						
	PM*	PM ₁₀ *	Direct PM _{2.5} *	SO ₂	NO _x	VOC	CO
Emission Factor (lb/MMCF)	1.9	7.6	7.6	0.6	100.0	5.5	84.0
Potential Emission (tons/yr)	0.03	0.14	0.14	0.01	1.83	0.10	1.54

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

PM_{2.5} emission factor is filterable and condensable PM_{2.5} combined.

	HAPs - Organics				
	Benzene	Dichlorobenzene	Formaldehyde	Hexane	Toluene
Emission Factor (lb/MMCF)	2.1E-03	1.2E-03	7.5E-02	1.8E+00	3.4E-03
Potential Emission (tons/yr)	3.842E-05	2.195E-05	1.372E-03	3.293E-02	6.220E-05

	HAPs - Metals				
	Lead	Cadmium	Chromium	Manganese	Nickel
Emission Factor (lb/MMCF)	5.0E-04	1.1E-03	1.4E-03	3.8E-04	2.1E-03
Potential Emission (tons/yr)	9.146E-06	2.012E-05	2.561E-05	6.951E-06	3.842E-05
Total HAPs:					3.452E-02

Notes:

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

The five highest organic and metal HAPs emission factors are provided above.

Additional HAPs emission factors are available in AP-42, Chapter 1.4.

Methodology:

Total Heat Input Capacity (MMBtu/hr) = \sum (Heat Input Capacity Each (MMBtu/hr/unit) * Number of Units)

Total Potential Throughput (MMCF/yr) = Heat Input Capacity Each (MMBtu/hr) * Number of Units * 8,760 hrs/yr * High Heat Value (1 MMCF/1,020 MMBtu)

Potential Emission (tons/yr) = Total Potential Throughput (MMCF/yr) * Emission Factor (lb/MMCF) * 1 ton/2000 lbs



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

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Michael R. Pence
Governor

Thomas W. Easterly
Commissioner

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

TO: Tori Patterson
Vibracoustics North America, L.P.
1496 Gerber Street
Ligonier, IN 46767

DATE: November 26, 2014

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

SUBJECT: Final Decision
Minor Source Operating Permit (MSOP) Administrative Amendment
113-35077-00080

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:
Bill Tobin, GM
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 11/26/2014 Vibracoustics North America LP 113-35077-00080 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	Handing Charges	Act. Value (If Registered)	Insured Value	Due Send if COD	R.R. Fee	S.D. Fee	S.H. Fee	Rest. Del. Fee	Remarks
1		Tori Patterson Vibracoustics North America LP 1496 Gerber St Ligonier IN 46767 (Source CAATS)		CONFIRMED DELIVERY								
2		Bill Tobin GM Vibracoustics North America LP 1496 Gerber St Ligonier IN 46767 (RO CAATS)										
3		Noble County Board of Commissioners 101 North Orange Street Albion IN 46701 (Local Official)										
4		Noble County Health Department 2090 N. State Rd 9, Suite C Albion IN 46701-9566 (Health Department)										
5		Mr. Steve Christman NISWMD 2320 W 800 S, P.O. Box 370 Ashley IN 46705 (Affected Party)										
6		Frederick & Iva Moore 6019 W 650 N Ligonier IN 46767 (Affected Party)										
7		Ligonier City Council and Mayors Office 103 West Third Street Ligonier IN 46767 (Local Official)										
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